Gas Turbine Systems Technician - Electrical (GSE)

January 2022

LaDR
NAVY LEARNING and DEVELOPMENT ROADMAP

Introducing

OaRS
OCCUPATIONAL and READINESS STANDARDS

MyNAVYHR
Serving Sailors 24/7

United States Navy Ethos

We are the United States Navy, our Nation's sea power - ready guardians of peace, victorious in war.

We are professional Sailors and Civilians - a diverse and agile force exemplifying the highest standards of service to our Nation, at home and abroad, at sea and ashore.

Integrity is the foundation of our conduct; respect for others is fundamental to our character; decisive leadership is crucial to our success.

We are a team, disciplined and well-prepared, committed to mission accomplishment. We do not waver in our dedication and accountability to our Shipmates and families.

We are patriots, forged by the Navy's core values of Honor, Courage and Commitment. In times of war and peace, our actions reflect our proud heritage and tradition.

We defend our Nation and prevail in the face of adversity with strength, determination, and dignity.

We are the United States Navy.

The Sailor's Creed

I am a United States Sailor.

I will support and defend the Constitution of the United States of America and I will
obey the orders of those appointed over me.

I represent the fighting spirit of the Navy and those who have gone before me to defend
freedom and democracy around the world.

I proudly serve my country's Navy combat team with Honor, Courage, and Commitment.

I am committed to excellence and the fair treatment of all.

CAREER ROADMAP

Fireman Recruit to Master Chief Roadmap

The educational roadmap below will assist Sailors in the Gas Turbine Systems Technician - Electrical community through the process of pursuing professional development and advanced education using various military and civilian resources e.g. PQS program; JST Joint Service Transcript; E-Learning; Navy College Network; etc. Successful leadership is the key to military readiness and will always require a high degree of technical skill, professional knowledge, and intellectual development.

What is a Career Roadmap for Gas Turbine Systems Technician - Electrical?

Gas Turbine Systems Technician - Electrical roadmaps are just what the name implies - a roadmap through the Enlisted Learning and Development Continuum from Fireman Recruit through Master Chief. The principal focus is to standardize a program Navy wide by featuring the existing skills necessary to be successful in the Navy. The ultimate goal of a roadmap is to produce a functional and competent Sailor.

What is the Enlisted Learning and Development Continuum?

Enlisted Learning and Development Continuum is the formal title given to the curriculum and process building on the foundation of Sailorization beginning in our Delayed Entry Program through Recruit Training Command and throughout your entire career. The continuum combines skill training, professional education, well-rounded assignments, and voluntary education. As you progress through your career, early-on skill training diminishes while professional military education gradually increases. Experience is the ever-present constant determining the rate at which a Sailor trades skill training for professional development.

Do Sailors have to follow the Roadmap?

Yes. The Gas Turbine Systems Technician - Electrical roadmap includes the four areas encompassed by the Continuum in Professional Military Education to include; Navy Professional Military Education (NPME), Joint Professional Military Education (JPME), Leadership and Advanced Education.

Some training and education is mandatory (Recruit Training, Gas Turbine School at Great Lakes, E-Learning, etc.). Some may be directed by your chain of command (Microsoft Excel and PowerPoint courses), and the remainder is voluntary (MNP, E-Learning, college courses, etc.). Sailors are advised to seek out mentors, including your Command Master Chief, Senior Enlisted Advisor, Leading Chief Petty Officer, Leading Petty Officer and Command Career Counselor, and to make use of your Navy College Virtual Education Center (VEC) or OCONUS Education Office's vast resources. All are uniquely qualified to help you along the way.

Notes:

Gas Turbine Technicians (Electrical) (GSE). GSEs operate, repair, and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
28-30	GSCM	22.6 Yrs	CSEL, ECM	36	4th Shore Tour Billet: ECM/TECHAD, Training Manager, Ship Sup, ATG Lead, MGTI. Duty: BUPERS, Squadron, Schoolhouse
25-28	GSCM	22.6 Yrs	CSEL	48	4th Sea Tour Billet: Dept LCPO, MGTI. Duty: CG/DDG/LCS/ LHA/LHD. Qualification: EOOW, PCO, ETT Coordinator
21-25	GSCM GSCS	22.6 Yrs 18.5	CWO, CSEL, ECM, RDC, Recruiter	36	3rd Shore Tour Billet: ECM/TECHAD, LCPO, Recruiter, RDC, Instructor, Ship Sup, Lead Technician, MGTI. Duty: BUPERS, RTC, RMC, Ship Sup, SWOS, Squadron, NRD, RTC. Qualification: ATS, MTS, School: MGTI, SEA
17-21	GSCS GSEC	18.5 Yrs 13.8	CWO, CSEL	48	3rd Sea Tour Billet: Dept LCPO, Div. LCPO, MGTI. Duty: ACU/CG/DDG/ LCS/LHA/ LHD/LCAC. Qualification: ESWS, Engine room Operator, PACC, EPCC, EOOW, ETT Coordinator. School: Prop Plant Mgr (U16A NEC)
14-17	GSEC GSE1	13.8 Yrs 8.1	LDO, CWO, RDC, Recruiter	36	2nd Shore Tour Billet: Instructor, Maintainer Duty: ATG, RMC, SWOS, RTC. Qualification: ATS, MTS, NAMTS School: MGTI

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO ADVANCE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
9-14	GSE1 GSE2	8.1 Yrs 4.2	LDO	60	2nd Sea Tour Billet: Technician, LPO. Duty: ACU/CG/DDG/ LHA/ LHD. Qualification: EAWS, ESWS, Engine Room Operator (ERO), PACC, EPCC, EOOW, ETT. School: Prop Plant Manager(4206)
6-9	GSE1 GSE2 GSE3	8.1 Yrs 4.2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	36	1st Shore Tour Billet: Instructor, Recruiter, Maintenance Technician. Duty: Recruiter, NSYD, RMC, ATG, SWOS. Qualification: MTS, ATS, Inspector, NAMTS
2-6	GSE2 GSE3	4.2 Yrs 2	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	51	1st Sea Tour Billet: Maintenance Technician. Duty: ACU/CG/DDG/LHA/ LHD. Qualification: WCS, ESWS, ERO, EAWS.
1+/-	GSEFN GSEFA Accession Training	9 Months			Recruit Training, "A" and "C" Schools.

Notes:

1. "A" school is required.

2. This is a compression rating. GSM and GSE ratings compress to GS rating at Senior Chief

3. In rate shore duty is normally limited to "A" or "C" School Instructor and SIMA. Most can expect a tour in recruiting or as an RDC.

4. Tours at a Flag Staff, NPC and BUPERS require special screening.

5. The Marine Gas Turbine Inspector (MGTI) program is open to E-6 and above. Sea duties for the MGTIs are limited to squadrons and ATG.

6. Tour at BUPERS 3 as an Enlisted Community Manager or Enlisted Community Manager Technical Adviser is for high-performing E8s or E9s. It is a highly competitive tour requiring thorough understanding of the Rating and manning and manpower policies. ECMs handle multiple Ratings affecting thousands of Sailors, adjudicate Career Waypoints applications, develop and present advancement, school quotas, accession and strength policies and initiatives for community health.

7. NEC information:

    a. U03A - CG-47 Gas Turbine Electrical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on CG-47 class gas turbine main propulsion and electric generating plants control systems.

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   b. U05A - DDG-51 FLT I-II Gas Turbine Electrical Maintenance Technician operates and performs advanced organizational and/or intermediate maintenance to the component level on DDG-51 FLT I-II gas turbine main propulsion and electrical generating plant control systems.

   c. 728B - LCAC Deck Engineer is a critical crew position aboard the LCAC, constantly working with high technical and potentially dangerous high-speed machinery. Also maintains, troubleshoots, and perform maintenance on the LCAC gas turbine engines, propulsion and lift system, and mechanical auxiliaries. The Deck Engineer will be familiar with the ABS mission.

   d. 729B - LCAC Craft Engineer/Assistant Operator operates the Landing Craft, Air Cushion (LCAC) vehicle engineering plant (propulsion, lift, and control systems) in amphibious assault and training operations. Performs systems diagnostics, troubleshooting, and limited engineering systems repair during operations. Operates the LCAC when the Craftmaster (NEC BM-0167) is incapacitated.

   e. 731B - LCAC Electrical Systems Maintenance Technician performs organizational and intermediate level maintenance on LCAC craft control systems.

   f. U07A - Marine Gas Turbine Inspector performs periodic borescope inspections, mechanical grooms, and gas turbine bulletin inspections. Provides troubleshooting and on-the-job training, oversees intermediate maintenance level repairs, and assists in calibration. Makes engine change-out recommendations and oversees gas turbine change installations. Ensures accuracy of engine logbook entries.

   g. U09A - CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technician operates and performs preventive and corrective maintenance and all authorized fault isolation and repair procedures on the Engineering Control System Equipment (ESCE).

   h. U16A - Shipboard Engineering Plant Program Manager administers, manages and evaluates shipboard engineering programs. Recognizes engineering systems and major components external to the propulsion plant which comes under the cognizance of the Engineering Officer of the Watch (EOOW). Evaluates operating conditions and makes recommendations to the engineering officer.

Considerations for advancement from E6 to E7

1. Sea Assignments (all)
- LPO/ALPO/WCS at Sea/Operational/Joint
- Qualified EDO/EOOW a plus
- MGTI a plus
- At least one warfare pin
- DCTT/ETT
- Command Collateral with documented impact
- Qualified 3M 301- 305
- FCPOA involvement
- Sailor 360 involvement

2. Shore Assignments (all)
- RDC(w/MTS)/ATG(w/ATS)/TYCOM Staff/BUPERS//Expeditionary Service/SPECWAR/Expeditionary/Rating Instructor (All screened billets)
- Instructor Duty (805A) (MTS at all levels)
- Completed PPME, USMAP
- Community involvement

Considerations for advancement from E7 to E8

1. Sea Assignments (all)
- Department LCPO/ LCPO FDNF a plus
- Should be qualified EDO/EOOW
- MGTI a plus
- At least one warfare pin

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- ETT Coordinator a plus
- Command Collateral with documented impact
- Completed PPME/JPME/USMAP/SEA
- Active CPO Mess involvement, holding a position
- Sailor 360 Phase and leading a committee/Season

2. Shore Assignments (all)
- Recruiting Duty (serving as LSO or LCPO)/RDC/ATG (obtained ATS/MTS)/TYCOM Staff/BUPERS/SPECWAR/Expeditionary/Rating Instructor (obtained MTS) (All screened billets)/FLC's (impact billet on the waterfront)/ASD (with documented impact) Disaster Preparedness operations team leader.
- Completed PPME/JPME/SEJPME I/USMAP/SEA
- Community involvement

Considerations for advancement from E8 to E9

1. Sea Assignments (all)
- DLCPO/LCPO at Sea/Operational/Joint, FDNF a plus
- MGTI a plus
- At least one warfare pin
- ETT Coordinator, EOOW/EDO
- Command Collateral with documented impact
- Completed PPME/JPME/USMAP/SEA
- Active CPO Mess involvement, holding a position
- Sailor 360 involvement and leading a committee/Season

2. Shore Assignments (all)
- Recruiting Duty (serving as LSO or DLCPO)/RDC (Ship LCPO)/ATG (obtained ATS/MTS)/TYCOM Staff/BUPERS/SPECWAR/Expeditionary/Rating Instructor (obtained MTS) (All screened billets)/FLC's (impact billet on the waterfront)/ASD (with documented impact)
- Completed PPME/JPME/SEJPME I and II/USMAP/SEA
- Served as SEL or DLCPO
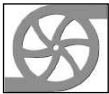
GSEs are Gas Turbine Technicians (Electrical). GSEs operate, repair, and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
28-30	GSCM	22.5 Yrs	CSEL	N/A	Billet: CSEL Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: MGTI.
25-28	GSCM	22.5 Yrs	CSEL	N/A	Billet: CSEL Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: EOOW, ETT Coordinator.
21-25	GSCM GSCS	22.5 Yrs 18.5	CWO, CSEL	N/A	Billet: CSEL, LCPO, Curr. Dev., Lead Technician. Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: ATS, MTS, MGTI.
17-21	GSCS GSEC	18.5 Yrs 14.3	CWO, CSEL	N/A	Billet: CSEL, Dept/Div. LCPO Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: ESWS, PACC, EPCC, EOOW, ETT Coordinator.
14-17	GSEC GSE1	14.3 Yrs 7.6	LDO, CWO	N/A	Billet: Instructor, Maintainer Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: ATS, MTS, MGTI.
9-14	GSE1 GSE2	7.6 Yrs 6.4	LDO	N/A	Billet: Technician, LPO. Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: Prop Plant Mgr (4206), EAWS, ESWS, Engine Room Operator (ERO), PACC, EPCC, EOOW, ETT.
6-9	GSE1 GSE2 GSE3	7.6 Yrs 6.4 3.1	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	N/A	Billet: Instructor, Maintenance Technician. Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: MTS, ATS, Inspector.
2-6	GSE2 GSE3	6.4 Yrs 3.1	STA-21, OCS, MECP, NAVAL ACADEMY, NROTC,	N/A	Billet: Maintenance Technician Duty: NSYD, NCAPS, PHIB, Ship, Squadron Qualification: WCS, ESWS, ERO, EAWS.
1+/-	GSEFN GSEFA Accession Training	9 Months			Recruit Training, "A" and "C" Schools.

Revised: August 2019

Notes:

1. "A" School is required for this rating.

2. This is a compressed rating, GSE and GSM ratings merge at the E-8 level to GSCS.

3. SELRES GSE's should show diversity in billets throughout their careers and include Active Duty for Training (ADT), Active Duty for Special Work (ADSW), and mobilizations in support Sea, Shore and Expeditionary Commands.

4. When able, SELRES Sailors should try to earn a warfare qualification.

5. Rating NECs:

U03A - CG-47 Gas Turbine Electrical Maintenance Technician
U05A - DDG-51 FLT I-II Gas Turbine Electrical Maintenance Technician
U07A - Marine Gas Turbine Inspector
U08A - NAMTS Gas Turbine Repair Technician
U09A - CG Smart Ship Engineering Control System Equipment (ECSE) Operator and Maintenance Technician
U11A - NAMTS Gas Turbine (Electrical) Repair Technician
U24A - MCM Propulsion Technician
U39A - NAMTS Outside Electrical Repair Technician

Consideration for advancement:

E7 Selection Board. Highly competitive candidates for selection as a Chief Petty Officer have met many or all of the following milestones:
- Warfare qualified (Based on billet and opportunity)
- FCPO involvement
- Unit LPO or DLPO
- Command collateral (e.g., CFL, Unit CCC, etc.)

E8 Selection Board. Highly competitive candidates for selection as a Chief Petty Officer have met many or all of the following milestones:
- Warfare qualified (Based on billet and opportunity)
- CPOA involvement
- Sailor 360/CPO Initiation committee lead
- Unit LCPO or DLCPO of large command
- CSEL Billet

E9 Selection Board. Highly competitive candidates for selection as a Chief Petty Officer have met many or all of the following milestones:
- Warfare qualified (Based on billet and opportunity)
- CPOA involvement
- Sailor 360/CPO Initiation committee lead
- Unit LCPO or DLCPO of large command
- CSEL Billet
- Graduate of Senior Enlisted Academy or other Service Equivalent

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Gas Turbine Systems Technician - Electrical
Occupational and Readiness Standards (OaRS) to E4
NAVEDTRA 44047

NAME:

These Occupational and Readiness Standards (OaRS) may be used to validate minimum competencies for performing various rating-specific tasks in paygrade E4 in this rating. OaRS is based on the Occupational Standards (OCCSTDs) for the rating/paygrade. An E4 should possess the minimum competencies of their rating/paygrade, whereby OaRS may provide benefits as a tool to train towards and track those competencies achieved.

OaRS does not address ship/unit/system specific standards, which may be covered within Personnel Qualification Standards (PQS), Job Qualification Requirements (JQR), or local training/qualification programs. OaRS addresses the overall rating at the E4 level, not the Sailor's position, billet, or duty assignment.

Generally, each OaRS task area encompasses one or more occupational standards on the same or similar subjects and is written in on-the-job rating language. Completion indicates the Sailor can perform the tasks or can articulate knowledge of the tasks. If circumstances exist that limits a Sailor's ability to effectively demonstrate any OaRS task element due to equipment configuration, mission, or operational status, the Sailor can seek training or understanding from his/her peers, leadership, or refer to technical manuals.

OaRS completion is voluntary and is not designed to replace other qualification programs (e.g. PQS, JQR). OaRS items that duplicate "sign off" items in these types of programs can be signed off if they have already been signed off under any of these types of programs.

Task signatures are completed between the Sailor and the Sailor's supervisor, Leading Petty Officer (LPO) or E5 or above designee. Task sections are signed off by the Division Leading Chief or designee. Endorsement of completion of all OaRS tasks/sections are validated by the Division Officer, Department LCPO, Department Head, and Command Career Counselor (CCC).

AUXILIARY EQUIPMENT

Task Objective	** Supv Init	Date
Adjust electrically-operated valves		
Adjust power supplies		
Align compressed air systems		
Align main switchboards		
Align pumps (e.g., seawater, main, Lube Oil (LO), Fuel Oil (FO))		
Align steering control consoles (e.g., aft, bridge console)		
Align waste oil systems		
Calibrate Tank Level Indicators (TLI)		
Repair automatic control valves		
Repair electrically-operated valves		
Repair heat stress sensors		
Repair pressure/temperature transducers		
Repair solenoid valves		
Repair switches (e.g. electrical, pressure, temperature, micro, etc.)		
Repair Tank Level Indicators (TLI)		
Repair temperature regulating devices (e.g. heaters, thermostats, temp switch)		
Replace compressed air systems		
Troubleshoot automatic control valves		
Troubleshoot electrical motors		
Troubleshoot pressure/temperature transducers		
Troubleshoot Program Logic Controller (PLC)		
Troubleshoot solenoid valves		
Troubleshoot Tank Level Indicators (TLI)		
Troubleshoot temperature regulating devices (e.g., heaters, thermostats, temp switch, etc.)		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
(Aug. 10, 1956, ch. 1041, 70A Stat. 71; Pub. L. 114–328, div. E, title LX, § 5419, Dec. 23, 2016, 130 Stat. 2946.)

GAS TURBINE

Task Objective	** Supv Init	Date
Align Full Authority Digital Controls (FDAC)		
Align Gas Turbine (GT) support systems		
Align Gas Turbine (GT) water wash systems		
Align No-Brake Power Supply (NBPS)		
Repair blow-in doors		
Repair Gas Turbine (GT) modules		
Repair Gas Turbine (GT) water wash systems		
Troubleshot blow-in doors		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
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MAIN PROPULSION

Task Objective	** Supv Init	Date
Align Controllable Pitch Propeller (CPP) or Controllable Reversible Pitch (CRP) systems		
Align Fuel Oil (FO) service, fill, and transfer systems		
Align jacking gears		
Align main Lube Oil (LO) service systems		
Troubleshoot switches (e.g., electrical, pressure, temperature, micro, etc.)		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
(Aug. 10, 1956, ch. 1041, 70A Stat. 71; Pub. L. 114–328, div. E, title LX, § 5419, Dec. 23, 2016, 130 Stat. 2946.)

PROPULSION CONTROL SYSTEMS

Task Objective	** Supv Init	Date
Align Damage Control Consoles (DCC)		
Align Data Acquisition Unit (DAU)		
Align Electric Plant Control Consoles (EPCC)		
Align Engineering Officer of the Watch (EOOW) logging units		
Align Fuel Systems Control Consoles (FSCC)		
Align operating stations (i.e. Reduced Size Operator Station (RSOS) and Standard Operator Station Unit (SOSU))		
Align Propulsion and Auxiliary Control Consoles (PACC)		
Align Propulsion Local Control Consoles (PLCC)		
Align Repair Station Consoles (RSC)		
Align Shaft Control Units (SCU)		
Manage Propulsion Local Control Console (PLCC) operations		
Manage Shaft Control Unit (SCU) operations		
Repair meters and gauges		
Replace Uninterruptable Power Supply (UPS)		
Troubleshoot Data Acquisition Units (DAU)		
Troubleshoot meters and gauges		
Troubleshoot operating stations (i.e. Reduced Size Operator Station (RSOS) and Standard Operator Station Unit (SOSU))		
Troubleshoot Repair Station Consoles (RSC)		
Troubleshoot Uninterruptable Power Supply (UPS)		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
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TECHNICAL ADMINISTRATION

Task Objective	** Supv Init	Date
Collect engineering data readings		
Log fuel tank levels		
Log meter readings		
Repair bell and data logger		
Troubleshoot bell and data logger		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
(Aug. 10, 1956, ch. 1041, 70A Stat. 71; Pub. L. 114–328, div. E, title LX, § 5419, Dec. 23, 2016, 130 Stat. 2946.)

COMMAND ENDORSEMENT

Command signatures signify the meeting of the minimum competencies for those in paygrade E-4 in this rating.
Signature level at discretion of command.

DIVISION OFFICER:

_____

DEPARTMENT LCPO:

_____

DEPARTMENT HEAD:

_____

COMMAND CAREER COUNSELOR:

_____

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
(Aug. 10, 1956, ch. 1041, 70A Stat. 71; Pub. L. 114–328, div. E, title LX, § 5419, Dec. 23, 2016, 130 Stat. 2946.)

Command Comments – Command Use Only:

Enlisted Community Manager Comments:

Once an individual Sailor's Occupational and Readiness Standards (OaRS) have been completed and endorsed by the Command Career Counselor (CCC), documentation of completed OaRS by the Command Pay and Personnel Administrator (CPPA), Training Officer, or other authorized command representative will be via Navy Standard Integrated Personnel System (NSIPS) within the Personnel Qualifications section, or Advanced Skills Management (ASM) within the Qual/Cert Records tab. Entries will generate an Enlisted Service Record (ESR) and Electronic Training Jacket (ETJ) entry. These entries provide Sailors with electronic documentation of OaRS completion as well as Command and Navy stakeholders ability to monitor the execution of OaRS.

Gas Turbine Systems Technician - Electrical
Fireman Recruit to Fireman

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
EPACT [1]	Great Lakes	A-652-0012 CDP 04V1	25 days	
BECC Advanced [1]	Great Lakes	A-652-0011 CDP 04VUZ	18 days	
GS Strand [1]	Great Lakes	A-652-0053	12 days	
Electrical strand [1]	Great Lakes	A-662-0002 CDP 02Y0	10 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Basic Hydraulics [1]	Various	K-652-2146	5 days	
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	J-495-0419	4 days	
Team Trainer Wet Trainer (Buttercup) [1]	Various	K-495-0045	1 day	
Valve Maintenance [1]	Norfolk, VA / San Diego, CA	A-651-0065	8 days	
Quality Maintenance Program PQS 301 [1]	MNP/PQS	NAVEDTRA 43523		
Gas Turbine Systems Technician (Electrical) 2 [1]	MNP/PQS/NRTC	NAVEDTRA 14112		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2 [1]	MNP/PQS/NRTC	NAVEDTRA 14113A		
Shipbd Gage Cal [1]	Various	A-652-0240	5 days	
Surface Shipboard Gage Calibration [1]	Various	A-652-0500	5 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
728B - LCAC Deck Engineer [1]	Various	S-062-0021	66 days	
730B - LCAC Mechanical Systems maintenance Technician [1]	Various	K-652-0314	33 days	
731B - LCAC Electrical Systems Maintenance Technician [1]	Various	K-652-0315	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Apprentice Engineer for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to propulsion/auxiliary equipment. Enginemen perform their duties on surface ships.

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: Phone Number:

Leading Chief Petty Officer: Phone Number:

Leading Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E1/E2 (9 months time in service required for advancement to E2 and E3)
PAYGRADE E3 (6 months time in service required to be eligible for advancement to E4)

Date Advanced: Eligible Advancement Date: Number of times up:

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

Professional Apprenticeship Career Track (PACT) only:
    6 Month: 12 Month: 18 Month:

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve   ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

Rating Conversion: Navy Formal Training Schools Request ("A"/"C"etc):

Transfer: Separation: Career Status Bonus (election message received):

Physical Fitness Test Failure: Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: (prior to submission, command endorsement):

Seaman to Admiral 21 (STA-21):   Medical Enlisted Commissioning Program (MECP):

Naval Academy: Naval Academy Preparatory School (NAPS):

Officer Candidate School:

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Personnel Qualification Standard		
QA Craftsman		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.
E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS
See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.
Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP
The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry
This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)
The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as "temporary") Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
   https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

Career Waypoints-Reenlistment:
The Command Career Counselor is your local advocate to assist you with the Career Waypoints application process.
- E3-E6 Sailors with less than 14 years of service must submit a Career Waypoints application, regardless of reenlistment intentions. Sailors who do not desire to reenlist will submit an "intends to separate" application. Sailors not eligible for reenlistment will submit a "not eligible" application.
- The Career Waypoints system automatically generates most of the applications needed by Sailors. Applications must be submitted no later than 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 months prior to either timeframe. Applications required outside of the established C-Way gates can be submitted as Special Circumstance applications. Examples of when these may be needed include OBLISERVE for special duty, decommissioning or homeport shift.

- The C-Way 3-2-1 Process aligns career decisions with the detailing process. Soft End of Active/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 month mark. This provides time for the Career Counselor to validate the Sailor's information and to ascertain the Sailors career intentions. The first C-Way review gate occurs from 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS the Sailor can only choose Selected Reserve affiliation.

- Monthly reenlistment quotas are limited and must be reserved for our best and brightest Sailors who desire to Stay Navy. Sailors must choose one of the following based on their desires and qualifications:
  - Reenlist-in-Rate,
  - Reenlist-in-rate, Willing to Convert
  - Convert only
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS applications more quickly for eligible ratings. This changed the monthly processing of reenlistment applications as described below.

- If you are in an, "open" rating or a "balanced" rating in an undermanned year group or an E6, you are eligible for reenlistment, and your application is submitted with correct data it will be auto-approved and returned immediately, and you can reenlist.
- If you are in a "competitive" rating or a balanced rating but not an undermanned year group, then your application will be processed through the monthly Rack and Stack process. Applications submitted in one month are processed in Rack and Stack the following month.
- For Nuclear ratings, all applications are reviewed by enlisted community managers on an ongoing basis throughout the processing month.
- If required data is missing (evaluations, Physical Fitness Assessment (PFA) data, security clearance etc.) the application will be denied with a note to your career counselor regarding what needs to be fixed. It is critical the Command Career Counselor reviews these notes to ensure Sailors are not disadvantaged in their opportunities for retention.
- Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)
NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoints system.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height _____ Weight _____ If Required (AC _____ BCA _____)

Last 2 PRT Cycles: Forearm Plank _____ / _____ Push-ups _____ / _____ Run/Swim/Cardio _____ / _____

Overall Score _____ / _____

List date (if) any PRT/BCA failure(s) over the last 5 years _____ / _____

List if any Medical Waiver(s) _____ / _____

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E1/E2/E3)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills   NCPACE   CLEP   DSST

TA   MGIB   MGIB-SR   Post 9/11 GIB

E1/E2/E3 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Foundational Leader Development Course [5]	Water front/ Flightline/ Various [4]	NELD-03	2.5 days	
Navy Military Training (Life Skills) (Pre-A School Delivery only) [6]	Command Delivered	A-500-1000	2 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E4	Navy e-Learning	NETCPDC-PMK-EE-E4-1.0		
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.
5 - Available for paygrades E3 and E4
6 - Required for delivery in "A" School for all ratings

E1/E2/E3 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E1/E2/E3 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Basic Military Requirements (NAVEDTRA 14325) (EDITION 1/1/2002)		NAVEDTRA 14325		
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer Third and Second Class	Navy e-Learning	NRTC-NAVEDTRA-14504-MRFPO-TASC-1.0		
Introductory Enlisted Professional Military Education (IEPME)	Navy e-Learning	Military DON/ PME	18 hrs	
Block 1 Introductory EPME - Introduction	Navy e-Learning	NWC-IEPME-INTRO-B1	-	
Block 2 Introductory EPME - History and Traditions	Navy e-Learning	NWC-IEPME-INTRO-B2	3 hrs	
Block 3 Introductory EPME - Enlisted Professionalism	Navy e-Learning	NWC-IEPME-INTRO-B3	3 hrs	
Block 4 Introductory EPME - Policy and the Navy	Navy e-Learning	NWC-IEPME-INTRO-B4	3 hrs	
Block 5 Introductory EPME - Planning for Operations	Navy e-Learning	NWC-IEPME-INTRO-B5	3 hrs	
Block 6 Introductory EPME - Regional and Cultural Awareness	Navy e-Learning	NWC-IEPME-INTRO-B6	3 hrs	
Block 7 Introductory EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-IEPME-INTRO-B7	3 hrs	
Block 8 Introductory EPME - Conclusion	Navy e-Learning	NWC-IEPME-INTRO-B82	-	
Cultural Awareness	Navy e-Learning	Foreign Language and Culture	45 hrs	
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Personal Financial Management	Navy e-Learning	CPD-PFM-1.0	8 hrs	
PREVENT	Command Delivered	S-501-0150	24 hrs	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage

2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.

3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

E1/E2/E3 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Non-Prior Service Accession Program	Navy e-Learning	CNRFC-NPSAP-2 /DoN 0	23 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E1/E2/E3 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Gas Turbine Systems Technician (Electrical) 2	MNP/PQS/NRTC	NAVEDTRA 14112		
Fireman (FN) - NAVEDTRA 14104A	Navy e-Learning	NRTC-NAVEDTRA-14104A-FM-1.0		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2	MNP/PQS/NRTC	NAVEDTRA 14113A		
(NEETS) Module 01, Matter, Energy, and Direct Current - NAVEDTRA 14173A	Navy e-Learning	NRTC-NAVEDTRA-14173A-N-M1-MEADC-1.0		
(NEETS) Module 02, Alternating Current and Transformers - NAVEDTRA 14174A	Navy e-Learning	NRTC-NAVEDTRA-14174A-N-M2-ACAT-1.0		
(NEETS) Module 03, Introduction to Circuit Protection, Control, and Measurement - NAVEDTRA 14175A	Navy e-Learning	NRTC-NAVEDTRA-14175A-N-M3-ITCPCAM-1.0		
(NEETS) Module 04, Electrical Conductors, Wiring Techniques, and Schematic Reading - NAVEDTRA 14176A	Navy e-Learning	NRTC-NAVEDTRA-14176A-N-M4-ECWTASR-1.0		
(NEETS) Module 05, Generators and Motors - NAVEDTRA 14177A	Navy e-Learning	NRTC-NAVEDTRA-14177A-N-M5-GAM-1.0		
(NEETS) Module 06, Electronic Emission, Tubes, and Power Supplies - NAVEDTRA 14178A	Navy e-Learning	NRTC-NAVEDTRA-14178A-N-M6-EETAPS-1.0		
(NEETS) Module 07, Solid-State Devices and Power Supplies - NAVEDTRA 14179	Navy e-Learning	NRTC-NAVEDTRA-14179A-N-M7-SSDAPS-1.0		
(NEETS) Module 08, Amplifiers - NAVEDTRA 14180A	Navy e-Learning	NRTC-NAVEDTRA-14180A-N-M8-A-1.0		
(NEETS) Module 09, Wave Generation and Wave Shaping - NAVEDTRA 14181A	Navy e-Learning	NRTC-NAVEDTRA-14181A-N-M9-WGAWS-1.0		
(NEETS) Module 10, Wave Propagation, Transmission Lines, and Antennas - NAVEDTRA 14182A	Navy e-Learning	NRTC-NAVEDTRA-14182A-N-M10-WPTLAA-1.0		
Engineering Apprentice PQS	MNP/PQS	NAVEDTRA 43701 Ch 1		
Engineering Fundamentals	MNP/PQS	NAVEDTRA 43103-A		
Damage Control Watches PQS	MNP/PQS	NAVEDTRA 43119-4I		
Damage Control PQS	MNP/PQS	NAVEDTRA 43119-M		
Tag-out Users Manual		NAVSEA S0400-AD-URM-010/TUM		
Ship's 3-M Manual		NAVSEAINST 4790.8 Series		
Navy Safety Manual		OPNAVINST 5100.19 Series		
Navy SORM		OPNAVINST 3120.32		

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

E1/E2/E3 RECOMMENDED COMMUNITY READING

Title	Completed
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	

Gas Turbine Systems Technician - Electrical
Petty Officer Third Class
(Apprentice/Journeyman)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
EPACT [1]	Great Lakes	A-652-0012 CDP 04V1	25 days	
BECC Advanced [1]	Great Lakes	A-652-0011 CDP 04VUZ	18 days	
GS Strand [1]	Great Lakes	A-652-0053	12 days	
Electrical strand [1]	Great Lakes	A-662-0002 CDP 02Y0	10 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Basic Hydraulics [1]	Various	K-652-2146	5 days	
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	V-4N-0001	2 days	
Team Trainer Wet Trainer (Buttercup) [1]	Various	K-495-0045	1 day	
Valve Maintenance [1]	Norfolk, VA / San Diego, CA	A-651-0065	8 days	
Quality Maintenance Program PQS 301 [1]	MNP/PQS	NAVEDTRA 43523		
Gas Turbine Systems Technician (Electrical) 2 [1]	MNP/PQS/NRTC	NAVEDTRA 14112		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2 [1]	MNP/PQS/NRTC	NAVEDTRA 14113A		

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0350	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0352	58 days	
728B - LCAC Deck Engineer [1]	Various	S-062-0021	66 days	
730B - LCAC Mechanical Systems maintenance Technician [1]	Various	K-652-0314	33 days	
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Apprentice Engineer for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to propulsion/auxiliary equipment.

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: Phone Number:

Leading Chief Petty Officer: Phone Number:

Leading Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E4 (1 year time in service required to be eligible for advancement to E5)

Date Advanced: Eligible Advancement Date: Number of times up:

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E4) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve   ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

Rating Conversion: Navy Formal Training Schools Request ("A"/"C"etc):

Transfer: Separation: Career Status Bonus (election message received):

Physical Fitness Test Failure: Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)
Advancement:

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):
Commissioning Programs Applications: (prior to submission, command endorsement):

Seaman to Admiral 21 (STA-21):   Medical Enlisted Commissioning Program (MECP):

Naval Academy: Naval Academy Preparatory School (NAPS):

Officer Candidate School:

RECORD REVIEW CHECKLIST

Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This is a great opportunity to meet with your Mentor, Leading Petty Officer or Leading Chief Petty Officer to understand the importance of keeping your record up-to-date. Check the following three major sections to verify your Official Record:

a. **BUPERS Online**: BUPERS Online (https://www.bol.navy.mil) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:

   1. **Official Military Personnel File (OMPF)**: All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

   2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

   3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on https://www.bol.navy.mil, click on the "*ODC, OSR, PSR, ESR*" link.

b. **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at https://nsips.nmci.navy.mil or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c. **Electronic Training Jacket (ETJ)**: Log in to My Navy Portal (MNP) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.

d. **US Navy Awards website**: Log in to https://awards.navy.mil/ to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Personnel Qualification Standard		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
Lee Helm		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as "temporary") Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

Career Waypoints-Reenlistment:

The Command Career Counselor is your local advocate to assist you with the Career Waypoints application process.
- E3-E6 Sailors with less than 14 years of service must submit a Career Waypoints application, regardless of reenlistment intentions. Sailors who do not desire to reenlist will submit an "intends to separate" application. Sailors not eligible for reenlistment will submit a "not eligible" application.
- The Career Waypoints system automatically generates most of the applications needed by Sailors. Applications must be submitted no later than 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 months prior to either timeframe. Applications required outside of the established C-Way gates can be submitted as Special Circumstance applications. Examples of when these may be needed include OBLISERVE for special duty, decommissioning or homeport shift.

- The C-Way 3-2-1 Process aligns career decisions with the detailing process. Soft End of Active/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 month mark. This provides time for the Career Counselor to validate the Sailor's information and to ascertain the Sailors career intentions. The first C-Way review gate occurs from 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS the Sailor can only choose Selected Reserve affiliation.

- Monthly reenlistment quotas are limited and must be reserved for our best and brightest Sailors who desire to Stay Navy. Sailors must choose one of the following based on their desires and qualifications:
  - Reenlist-in-Rate,
  - Reenlist-in-rate, Willing to Convert
  - Convert only
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS applications more quickly for eligible ratings. This changed the monthly processing of reenlistment applications as described below.

- If you are in an, "open" rating or a "balanced" rating in an undermanned year group or an E6, you are eligible for reenlistment, and your application is submitted with correct data it will be auto-approved and returned immediately, and you can reenlist.
- If you are in a "competitive" rating or a balanced rating but not an undermanned year group, then your application will be processed through the monthly Rack and Stack process. Applications submitted in one month are processed in Rack and Stack the following month.
- For Nuclear ratings, all applications are reviewed by enlisted community managers on an ongoing basis throughout the processing month.
- If required data is missing (evaluations, Physical Fitness Assessment (PFA) data, security clearance etc.) the application will be denied with a note to your career counselor regarding what needs to be fixed. It is critical the Command Career Counselor reviews these notes to ensure Sailors are not disadvantaged in their opportunities for retention.
- Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoints system.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height _____ Weight _____ If Required (AC _____ BCA _____)

Last 2 PRT Cycles: Forearm Plank _____ / _____ Push-ups _____ / _____ Run/Swim/Cardio _____ / _____

Overall Score _____ / _____

List date (if) any PRT/BCA failure(s) over the last 5 years _____ / _____

List if any Medical Waiver(s) _____ / _____

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E4)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills   NCPACE   CLEP   DSST

TA   MGIB   MGIB-SR   Post 9/11 GIB

E4 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Foundational Leader Development Course [5]	Water front/ Flightline/ Various [4]	NELD-03	2.5 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E5	Navy e-Learning	NETCPDC-PMK-EE-E5-1.0		
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.
5 - Available for paygrades E3 and E4

E4 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E4 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer Third and Second Class	Navy e-Learning	NRTC-NAVEDTRA-14504-MRFPO-TASC-1.0		
Introductory Enlisted Professional Military Education (IEPME)	Navy e-Learning	Military DON/ PME	18 hrs	
Block 1 Introductory EPME - Introduction	Navy e-Learning	NWC-IEPME-INTRO-B1	-	
Block 2 Introductory EPME - History and Traditions	Navy e-Learning	NWC-IEPME-INTRO-B2	3 hrs	
Block 3 Introductory EPME - Enlisted Professionalism	Navy e-Learning	NWC-IEPME-INTRO-B3	3 hrs	
Block 4 Introductory EPME - Policy and the Navy	Navy e-Learning	NWC-IEPME-INTRO-B4	3 hrs	
Block 5 Introductory EPME - Planning for Operations	Navy e-Learning	NWC-IEPME-INTRO-B5	3 hrs	
Block 6 Introductory EPME - Regional and Cultural Awareness	Navy e-Learning	NWC-IEPME-INTRO-B6	3 hrs	
Block 7 Introductory EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-IEPME-INTRO-B7	3 hrs	
Block 8 Introductory EPME - Conclusion	Navy e-Learning	NWC-IEPME-INTRO-B82	-	
Cultural Awareness	Navy e-Learning	Foreign Language and Culture	45 hrs	
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Personal Financial Management	Navy e-Learning	CPD-PFM-1.0	8 hrs	
PREVENT	Command Delivered	S-501-0150	24 hrs	
21st Century CONSEP (Mid-Career)	Fleet and Family Service Center		2 days	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

E4 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Non-Prior Service Accession Program	Navy e-Learning	CNRFC-NPSAP-2 /DoN 0	23 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E4 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Fireman (FN) - NAVEDTRA 14104A	Navy e-Learning	NRTC-NAVEDTRA-14104A-FM-1.0		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2	MNP/PQS/NRTC	NAVEDTRA 14113A		
(NEETS) Module 01, Matter, Energy, and Direct Current - NAVEDTRA 14173A	Navy e-Learning	NRTC-NAVEDTRA-14173A-N-M1-MEADC-1.0		
(NEETS) Module 02, Alternating Current and Transformers - NAVEDTRA 14174A	Navy e-Learning	NRTC-NAVEDTRA-14174A-N-M2-ACAT-1.0		
(NEETS) Module 03, Introduction to Circuit Protection, Control, and Measurement - NAVEDTRA 14175A	Navy e-Learning	NRTC-NAVEDTRA-14175A-N-M3-ITCPCAM-1.0		
(NEETS) Module 04, Electrical Conductors, Wiring Techniques, and Schematic Reading - NAVEDTRA 14176A	Navy e-Learning	NRTC-NAVEDTRA-14176A-N-M4-ECWTASR-1.0		
(NEETS) Module 05, Generators and Motors - NAVEDTRA 14177A	Navy e-Learning	NRTC-NAVEDTRA-14177A-N-M5-GAM-1.0		
(NEETS) Module 06, Electronic Emission, Tubes, and Power Supplies - NAVEDTRA 14178A	Navy e-Learning	NRTC-NAVEDTRA-14178A-N-M6-EETAPS-1.0		
(NEETS) Module 07, Solid-State Devices and Power Supplies - NAVEDTRA 14179	Navy e-Learning	NRTC-NAVEDTRA-14179A-N-M7-SSDAPS-1.0		
(NEETS) Module 08, Amplifiers - NAVEDTRA 14180A	Navy e-Learning	NRTC-NAVEDTRA-14180A-N-M8-A-1.0		
(NEETS) Module 09, Wave Generation and Wave Shaping - NAVEDTRA 14181A	Navy e-Learning	NRTC-NAVEDTRA-14181A-N-M9-WGAWS-1.0		
(NEETS) Module 10, Wave Propagation, Transmission Lines, and Antennas - NAVEDTRA 14182A	Navy e-Learning	NRTC-NAVEDTRA-14182A-N-M10-WPTLAA-1.0		
(NEETS) Module 11, Microwave Principles - NAVEDTRA 14183A	Navy e-Learning	NRTC-NAVEDTRA-14183A-N-M11-MP-1.0		
(NEETS) Module 12, Modulation - NAVEDTRA 14184A	Navy e-Learning	NRTC-NAVEDTRA-14184A-N-M12-M-1.0		
(NEETS) Module 13, Number Systems and Logic Circuits - NAVEDTRA 14185A	Navy e-Learning	NRTC-NAVEDTRA-14185A-N-M13-NSALC-1.0		
(NEETS) MODULE 14, Introduction to Microelectronics - NAVEDTRA 14186	Navy e-Learning	NRTC-NAVEDTRA-14186-N-M14-ITM-1.0		
(NEETS) Module 15, Principles of Synchros, Servos, and Gyros - NAVEDTRA 14187A	Navy e-Learning	NRTC-NAVEDTRA-14187A-N-M15-POSSAG-1.0		
(NEETS) MODULE 16, Test Equipment - NAVEDTRA 14188A	Navy e-Learning	NRTC-NAVEDTRA-14188A-N-M16-TE-1.0		
(NEETS) Module 17, Radio-Frequency Communications Principles - NAVEDTRA 14189A	Navy e-Learning	NRTC-NAVEDTRA-14189A-N-M17-RFCP-1.0		
(NEETS) Module 18, Radar Principles - NAVEDTRA 14190A	Navy e-Learning	NRTC-NAVEDTRA-14190A-N-M18-RP-1.0		
(NEETS) Module 19, The Technician's Handbook - NAVEDTRA 14191	Navy e-Learning	NRTC-NAVEDTRA-14191-N-M19-TTH-1.0		
(NEETS) Module 20, Master Glossary - NAVEDTRA 14192	Navy e-Learning	NRTC-NAVEDTRA-14192-N-M20-MG-1.0		
(NEETS) MODULE 21, Test Methods and Practices - NAVEDTRA 14193A	Navy e-Learning	NRTC-NAVEDTRA-14193A-N-M21-TMAP-1.0		
(NEETS) MODULE 22, Digital Computing - NAVEDTRA 14194A	Navy e-Learning	NRTC-NAVEDTRA-14194A-N-M22-DC-1.0		
(NEETS) MODULE 23, Magnetic Recording - NAVEDTRA 14195A	Navy e-Learning	NRTC-NAVEDTRA-14195A-N-M23-MR-1.0		
(NEETS) MODULE 24, Fiber Optics - NAVEDTRA 14196A	Navy e-Learning	NRTC-NAVEDTRA-14196A-N-M24-FO-1.0		
Engineering Apprentice PQS	MNP/PQS	NAVEDTRA 43701 Ch 1		
Engineering Fundamentals	MNP/PQS	NAVEDTRA 43103-A		
Damage Control Watches PQS	MNP/PQS	NAVEDTRA 43119-4I		
Damage Control PQS	MNP/PQS	NAVEDTRA 43119-M		
Tag-out Users Manual		NAVSEA S0400-AD-URM-010/TUM		
Ship's 3-M Manual		NAVSEAINST 4790.8 Series		
Navy Safety Manual		OPNAVINST 5100.19 Series		
Navy SORM		OPNAVINST 3120.32		
Gas Turbine Systems Technician (Electrical) 2	MNP/PQS/NRTC	NAVEDTRA 14112		

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Foundational	Advanced	Capstone
Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Foundational	Advanced	Capstone
Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Foundational	Advanced	Capstone
Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Foundational	Advanced	Capstone
Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

E4 RECOMMENDED COMMUNITY READING

Title	Completed
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Navy Occupational Safety and Occupational Health (SOH) Program Manual for Forces Afloat Vol II Surface Ship Safety Standards *OPNAVINST 5100.19F*	
Tag-out Users Manual *NAVSEA S0400-AD-URM-010/TUM*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	
Enlisted to Officer Commissioning Programs Application Administrative Manual *OPNAVINST 1420.1B*	

Gas Turbine Systems Technician - Electrical
Petty Officer Second Class
(Journeyman)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Basic Hydraulics [1]	Various	K-652-2146	5 days	
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	V-4N-0001	2 days	
Team Trainer Wet Trainer (Buttercup) [1]	Various	K-495-0045	1 day	
Quality Maintenance Program PQS 301 [1]	MNP/PQS	NAVEDTRA 43523		
3M Work Center Supervisor 303 [1]	MNP/PQS	NAVEDTRA 43241		
Repair Parts Petty Officer 302 [1]	MNP/PQS	NAVEDTRA 43241		

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Technician [1]	Great Lakes	A-652-0350 (P/L)	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Technician [1]	Great Lakes	A-652-0352 (P/L)	58 days	
728B - LCAC Deck Engineer [1]	Various	S-062-0021	66 days	
729B - LCAC Craft Engineer/Assistant Operator [1]	Various	K-652-0312	124 days	
730B - LCAC Mechanical Systems maintenance Technician [1]	Various	K-652-0314	33 days	
731B - LCAC Electrical Systems Maintenance Technician [1]	Various	K-652-0315	33 days	
U08A - NAMTS Gas Turbine Repair [1]	Various	V-651-4140 (P/L)		
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Journeyman Gas Turbine for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to propulsion/auxiliary equipment.
Other Opportunities:

- Joint Assignments
- GWOT Support Assignments
- Recruiter
- Instructor
- RDC
- DAPA
- SARP
- Career Counselor

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: _____ Phone Number: _____

Leading Chief Petty Officer: _____ Phone Number: _____

Leading Petty Officer: _____ Phone Number: _____

Sponsor/Mentor: _____ Phone Number: _____

Depart/Division Career Counselor: _____ Phone Number: _____

Date of Initial Entry to Military Service (DIEMS): _____ Date of Initial Entry Reserve Forces (DIERF): _____

Pay Entry Base Date (PEBD): _____

ADSD: _____ Report Date: _____ EAOS/EOS: _____ PRD: _____ SEA / SHORE: ___ / ___

PAYGRADE E5 (3 Years time in service required to be eligible for advancement to E6)

Date Advanced: _____ Eligible Advancement Date: _____ Number of times up: _____

HYT Date: _____ Security Clearance Level: _____ Date Last updated: _____

Command INDOC complete: _____

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E5) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted): _____

24 Month: _____ 48 Month: _____ 60 Month: _____

Family Care Plan: _____ Mil to Mil: _____

Sailor 360: _____ Special Program: _____ Member Request: _____

HYT 24 months (Date): _____ HYT Waiver Date: _____ ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: _____ Career Waypoint not approved: _____

Rating Conversion: _____ Navy Formal Training Schools Request ("A"/"C"etc): _____

Transfer: _____ Separation: _____ Career Status Bonus (election message received): _____

Physical Fitness Test Failure: _____ Overseas Tour Extension Incentives Program (OTEIP): _____

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement: _____

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: _____ (prior to submission, command endorsement): _____

Naval Academy: _____ Naval Academy Preparatory School (NAPS): _____

Officer Candidate School: _____ Seaman to Admiral 21 (STA-21): _____

Medical Enlisted Commissioning Program (MECP): _____ Medical Service Corps In-service Procurement: _____

RECORD REVIEW CHECKLIST

Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This is a great opportunity to meet with your Mentor, Leading Petty Officer or Leading Chief Petty Officer to understand the importance of keeping your record up-to-date. Check the following three major sections to verify your Official Record:

a. **BUPERS Online**: BUPERS Online (https://www.bol.navy.mil) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:

1. **Official Military Personnel File (OMPF)**: All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on https://www.bol.navy.mil, click on the "*ODC, OSR, PSR, ESR*" link.

b. **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at https://nsips.nmci.navy.mil or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c. **Electronic Training Jacket (ETJ)**: Log in to My Navy Portal (MNP) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.

d. **US Navy Awards website**: Log in to https://awards.navy.mil/ to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Personnel Qualification Standard		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
PACC Operator		
Lee Helm		
QA Inspector		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as "temporary") Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
   https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

Career Waypoints-Reenlistment:

The Command Career Counselor is your local advocate to assist you with the Career Waypoints application process.
- E3-E6 Sailors with less than 14 years of service must submit a Career Waypoints application, regardless of reenlistment intentions. Sailors who do not desire to reenlist will submit an "intends to separate" application. Sailors not eligible for reenlistment will submit a "not eligible" application.

- The Career Waypoints system automatically generates most of the applications needed by Sailors. Applications must be submitted no later than 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 months prior to either timeframe. Applications required outside of the established C-Way gates can be submitted as Special Circumstance applications. Examples of when these may be needed include OBLISERVE for special duty, decommissioning or homeport shift.

- The C-Way 3-2-1 Process aligns career decisions with the detailing process. Soft End of Active/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 month mark. This provides time for the Career Counselor to validate the Sailor's information and to ascertain the Sailors career intentions. The first C-Way review gate occurs from 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS the Sailor can only choose Selected Reserve affiliation.

- Monthly reenlistment quotas are limited and must be reserved for our best and brightest Sailors who desire to Stay Navy. Sailors must choose one of the following based on their desires and qualifications:
  - Reenlist-in-Rate,
  - Reenlist-in-rate, Willing to Convert
  - Convert only
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS applications more quickly for eligible ratings. This changed the monthly processing of reenlistment applications as described below.

- If you are in an, "open" rating or a "balanced" rating in an undermanned year group or an E6, you are eligible for reenlistment, and your application is submitted with correct data it will be auto-approved and returned immediately, and you can reenlist.
- If you are in a "competitive" rating or a balanced rating but not an undermanned year group, then your application will be processed through the monthly Rack and Stack process. Applications submitted in one month are processed in Rack and Stack the following month.
- For Nuclear ratings, all applications are reviewed by enlisted community managers on an ongoing basis throughout the processing month.
- If required data is missing (evaluations, Physical Fitness Assessment (PFA) data, security clearance etc.) the application will be denied with a note to your career counselor regarding what needs to be fixed. It is critical the Command Career Counselor reviews these notes to ensure Sailors are not disadvantaged in their opportunities for retention.
- Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoints system.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height _____ Weight _____ If Required (AC _____ BCA _____)

Last 2 PRT Cycles: Forearm Plank _____ / _____ Push-ups _____ / _____ Run/Swim/Cardio _____ / _____

Overall Score _____ / _____

List date (if) any PRT/BCA failure(s) over the last 5 years _____ / _____

List if any Medical Waiver(s) _____ / _____

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E5)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master

(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills   NCPACE   CLEP   DSST

TA   MGIB   MGIB-SR   Post 9/11 GIB

E5 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Intermediate Leader Development Course	Water front/ Flightline/ Various [4]	NELD-04	3 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E6	Navy e-Learning	NETCPDC-PMK-EE-E6-1.0		
ADAMS for Supervisors	Various Locations	S-501-0120	8 hrs	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

E5 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E5 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer First Class	Navy e-Learning	NRTC-NAVEDTRA-14145-MRFPO-FC-1.0		
Basic Enlisted Professional Military Education (BEPME)	Navy e-Learning	Military DON/ PME	20 hrs	
Block 1 Basic EPME - Introduction	Navy e-Learning	NWC-EPME-BASIC-B1		
Block 2 Basic EPME - Navy History and Heritage	Navy e-Learning	NWC-EPME-BASIC-B2		
Block 3 Basic EPME - The Navy Professional	Navy e-Learning	NWC-EPME-BASIC-B3		
Block 4 Basic EPME - Organization and Guidance	Navy e-Learning	NWC-EPME-BASIC-B4		
Block 5 Basic EPME - Planning	Navy e-Learning	NWC-EPME-BASIC-B5		
Block 6 Basic EPME - Regional Expertise and Cultural Awareness	Navy e-Learning	NWC-EPME-BASIC-B6		
Block 7 Basic EPME - Technology for the Warfighter	Navy e-Learning	NWC-EPME-BASIC-B7		
Block 8 Basic EPME - Conclusion	Navy e-Learning	NWC-EPME-BASIC-B8		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage

2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.

3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

E5 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E5 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Fireman (FN) - NAVEDTRA 14104A	Navy e-Learning	NRTC-NAVEDTRA-14104A-FM-1.0		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2	MNP/PQS/NRTC	NAVEDTRA 14113A		
Engineering Apprentice PQS	MNP/PQS	NAVEDTRA 43701 Ch 1		
Engineering Fundamentals	MNP/PQS	NAVEDTRA 43103-A		
Damage Control Watches PQS	MNP/PQS	NAVEDTRA 43119-4I		
Damage Control PQS	MNP/PQS	NAVEDTRA 43119-M		
Tag-out Users Manual		NAVSEA S0400-AD-URM-010/TUM		
Ship's 3-M Manual		NAVSEAINST 4790.8 Series		
Navy Safety Manual		OPNAVINST 5100.19 Series		
Navy SORM		OPNAVINST 3120.32		
(NEETS) Module 01, Matter, Energy, and Direct Current - NAVEDTRA 14173A	Navy e-Learning	NRTC-NAVEDTRA-14173A-N-M1-MEADC-1.0		
(NEETS) Module 02, Alternating Current and Transformers - NAVEDTRA 14174A	Navy e-Learning	NRTC-NAVEDTRA-14174A-N-M2-ACAT-1.0		
(NEETS) Module 03, Introduction to Circuit Protection, Control, and Measurement - NAVEDTRA 14175A	Navy e-Learning	NRTC-NAVEDTRA-14175A-N-M3-ITCPCAM-1.0		
(NEETS) Module 04, Electrical Conductors, Wiring Techniques, and Schematic Reading - NAVEDTRA 14176A	Navy e-Learning	NRTC-NAVEDTRA-14176A-N-M4-ECWTASR-1.0		
(NEETS) Module 05, Generators and Motors - NAVEDTRA 14177A	Navy e-Learning	NRTC-NAVEDTRA-14177A-N-M5-GAM-1.0		
(NEETS) Module 06, Electronic Emission, Tubes, and Power Supplies - NAVEDTRA 14178A	Navy e-Learning	NRTC-NAVEDTRA-14178A-N-M6-EETAPS-1.0		
(NEETS) Module 07, Solid-State Devices and Power Supplies - NAVEDTRA 14179	Navy e-Learning	NRTC-NAVEDTRA-14179A-N-M7-SSDAPS-1.0		
(NEETS) Module 08, Amplifiers - NAVEDTRA 14180A	Navy e-Learning	NRTC-NAVEDTRA-14180A-N-M8-A-1.0		
(NEETS) Module 09, Wave Generation and Wave Shaping - NAVEDTRA 14181A	Navy e-Learning	NRTC-NAVEDTRA-14181A-N-M9-WGAWS-1.0		
(NEETS) Module 10, Wave Propagation, Transmission Lines, and Antennas - NAVEDTRA 14182A	Navy e-Learning	NRTC-NAVEDTRA-14182A-N-M10-WPTLAA-1.0		
(NEETS) Module 11, Microwave Principles - NAVEDTRA 14183A	Navy e-Learning	NRTC-NAVEDTRA-14183A-N-M11-MP-1.0		
(NEETS) Module 12, Modulation - NAVEDTRA 14184A	Navy e-Learning	NRTC-NAVEDTRA-14184A-N-M12-M-1.0		
(NEETS) Module 13, Number Systems and Logic Circuits - NAVEDTRA 14185A	Navy e-Learning	NRTC-NAVEDTRA-14185A-N-M13-NSALC-1.0		
(NEETS) MODULE 14, Introduction to Microelectronics - NAVEDTRA 14186	Navy e-Learning	NRTC-NAVEDTRA-14186-N-M14-ITM-1.0		
(NEETS) Module 15, Principles of Synchros, Servos, and Gyros - NAVEDTRA 14187A	Navy e-Learning	NRTC-NAVEDTRA-14187A-N-M15-POSSAG-1.0		
(NEETS) MODULE 16, Test Equipment - NAVEDTRA 14188A	Navy e-Learning	NRTC-NAVEDTRA-14188A-N-M16-TE-1.0		
(NEETS) Module 17, Radio-Frequency Communications Principles - NAVEDTRA 14189A	Navy e-Learning	NRTC-NAVEDTRA-14189A-N-M17-RFCP-1.0		
(NEETS) Module 18, Radar Principles - NAVEDTRA 14190A	Navy e-Learning	NRTC-NAVEDTRA-14190A-N-M18-RP-1.0		
(NEETS) Module 19, The Technician's Handbook - NAVEDTRA 14191	Navy e-Learning	NRTC-NAVEDTRA-14191-N-M19-TTH-1.0		
(NEETS) Module 20, Master Glossary - NAVEDTRA 14192	Navy e-Learning	NRTC-NAVEDTRA-14192-N-M20-MG-1.0		
(NEETS) MODULE 21, Test Methods and Practices - NAVEDTRA 14193A	Navy e-Learning	NRTC-NAVEDTRA-14193A-N-M21-TMAP-1.0		
(NEETS) MODULE 22, Digital Computing - NAVEDTRA 14194A	Navy e-Learning	NRTC-NAVEDTRA-14194A-N-M22-DC-1.0		
(NEETS) MODULE 23, Magnetic Recording - NAVEDTRA 14195A	Navy e-Learning	NRTC-NAVEDTRA-14195A-N-M23-MR-1.0		
(NEETS) MODULE 24, Fiber Optics - NAVEDTRA 14196A	Navy e-Learning	NRTC-NAVEDTRA-14196A-N-M24-FO-1.0		
Gas Turbine Systems Technician (Electrical) 2	MNP/PQS/NRTC	NAVEDTRA 14112		

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

E5 RECOMMENDED COMMUNITY READING

Title	Completed
Gas Turbine System Supervisor *NAVEDTRA 14111*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	

Gas Turbine Systems Technician - Electrical
Petty Officer First Class
(Journeyman/Master)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Basic Hydraulics [1]	Various	K-652-2146	5 days	
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	V-4N-0001	2 days	
Team Trainer Wet Trainer (Buttercup) [1]	Various	K-495-0045	1 day	
Quality Maintenance Program PQS 301 [1]	MNP/PQS	NAVEDTRA 43523		
3M Work Center Supervisor 303 [1]	MNP/PQS	NAVEDTRA 43241		
Repair Parts Petty Officer 302 [1]	MNP/PQS	NAVEDTRA 43241		
QAI [1]	Various	A-557-0001	5 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Technician [1]	Great Lakes	A-652-0350 (P/L)	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Technician [1]	Great Lakes	A-652-0352 (P/L)	58 days	
729B - LCAC Craft Engineer/Assistant Operator [1]	Various	K-652-0312	124 days	
730B - LCAC Mechanical Systems maintenance Technician [1]	Various	K-652-0314	33 days	
731B - LCAC Electrical Systems Maintenance Technician [1]	Various	K-652-0315	33 days	
U08A - NAMTS Gas Turbine Repair [1]	Various	V-651-4140 (P/L)		
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Apprentice Gas Turbine for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to electrical/propulsion/auxiliary equipment.
Other Opportunities:

- Joint Assignments
- GWOT Support Assignments
- Recruiter
- Instructor
- RDC
- DAPA
- SARP
- Career Counselor

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: Phone Number:

Leading Chief Petty Officer: Phone Number:

Leading Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E6 (3 Years time in service required to be eligible for advancement to E7)

Date Advanced: Eligible Advancement Date: Number of times up:

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E6) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

Rating Conversion: Navy Formal Training Schools Request ("A"/"C"etc):

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)
Advancement:

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: (prior to submission, command endorsement):

Naval Academy: Naval Academy Preparatory School (NAPS):

Limited Duty Officer:

Officer Candidate School: Seaman to Admiral 21 (STA-21):

Medical Enlisted Commissioning Program (MECP):   Medical Service Corps In-service Procurement:

SELECTION BOARD CHECKLIST FOR E6 PROMOTION TO CPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. Check the following three major sections to verify your Official Record:

a. **BUPERS Online**: BUPERS Online (https://www.bol.navy.mil) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:

1. **Official Military Personnel File (OMPF)**: All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on https://www.bol.navy.mil, click on the "*ODC, OSR, PSR, ESR*" link.

b. **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at (https://nsips.nmci.navy.mil) or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c. **Electronic Training Jacket (ETJ)**: Log in to My Navy Portal (MNP) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.

d. **US Navy Awards website**: Log in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.

b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:

1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.

2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

> NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
> PRESIDENT
> FY-**XX ACTIVE/RESERVE** E7 ENLISTED SELECTION BOARD #**XXX**
> 5640 TICONDEROGA LOOP BLDG 768 RM E302
> MILLINGTON TN 38055
>   **(Active = 360 / SELRES = 335 / FTS = 336)**

> (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)

c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).

d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.

b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.

c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.osd.mil/usn/) for any related credentials for which you may be qualified.

d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

Step 5 - Prepare for the next CPO Advancement Exam cycle in January for Active Duty & February for Reserves as soon as the Bibliography References are posted six months prior in July. Use the Navy Advancement Center info and website listed above in the advancement section.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Personnel Qualification Standard		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
PACC Operator		
Engineering Officer of the Watch (EOOW)		
Lee Helm		
QA Supervisor		
QA Inspector		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.
E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS
See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.
Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP
The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry
This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)
The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as "temporary") Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
   https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

Career Waypoints-Reenlistment:
The Command Career Counselor is your local advocate to assist you with the Career Waypoints application process.
- E3-E6 Sailors with less than 14 years of service must submit a Career Waypoints application, regardless of reenlistment intentions. Sailors who do not desire to reenlist will submit an "intends to separate" application. Sailors not eligible for reenlistment will submit a "not eligible" application.
- The Career Waypoints system automatically generates most of the applications needed by Sailors. Applications must be submitted no later than 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 months prior to either timeframe. Applications required outside of the established C-Way gates can be submitted as Special Circumstance applications. Examples of when these may be needed include OBLISERVE for special duty, decommissioning or homeport shift.

- The C-Way 3-2-1 Process aligns career decisions with the detailing process. Soft End of Active/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 month mark. This provides time for the Career Counselor to validate the Sailor's information and to ascertain the Sailors career intentions. The first C-Way review gate occurs from 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS the Sailor can only choose Selected Reserve affiliation.

- Monthly reenlistment quotas are limited and must be reserved for our best and brightest Sailors who desire to Stay Navy. Sailors must choose one of the following based on their desires and qualifications:
  - Reenlist-in-Rate,
  - Reenlist-in-rate, Willing to Convert
  - Convert only
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS applications more quickly for eligible ratings. This changed the monthly processing of reenlistment applications as described below.

- If you are in an, "open" rating or a "balanced" rating in an undermanned year group or an E6, you are eligible for reenlistment, and your application is submitted with correct data it will be auto-approved and returned immediately, and you can reenlist.
- If you are in a "competitive" rating or a balanced rating but not an undermanned year group, then your application will be processed through the monthly Rack and Stack process. Applications submitted in one month are processed in Rack and Stack the following month.
- For Nuclear ratings, all applications are reviewed by enlisted community managers on an ongoing basis throughout the processing month.
- If required data is missing (evaluations, Physical Fitness Assessment (PFA) data, security clearance etc.) the application will be denied with a note to your career counselor regarding what needs to be fixed. It is critical the Command Career Counselor reviews these notes to ensure Sailors are not disadvantaged in their opportunities for retention.
- Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoints system.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height _____ Weight _____ If Required (AC _____ BCA _____)

Last 2 PRT Cycles: Forearm Plank _____ / _____ Push-ups _____ / _____ Run/Swim/Cardio _____ / _____

Overall Score _____ / _____

List date (if) any PRT/BCA failure(s) over the last 5 years _____ / _____

List if any Medical Waiver(s) _____ / _____

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E6)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills   NCPACE   CLEP   DSST

TA   MGIB   MGIB-SR   Post 9/11 GIB

E6 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Advanced Leader Development Course	Water front/ Flightline/ Various [4]	NELD-05	4 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E7	Navy e-Learning	NETCPDC-PMK-EE-E7-1.0		
ADAMS for Supervisors	Various Locations	S-501-0120	8 hrs	
ADAMS for Facilitators	Various Locations	S-501-0110	16 hrs	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

E6 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E6 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Chief Petty Officer	Navy e-Learning	NRTC-NAVEDTRA-14144-MRFCPO-1.0		
Basic Enlisted Professional Military Education (BEPME)	Navy e-Learning	Military DON/ PME	20 hrs	
Block 1 Basic EPME - Introduction	Navy e-Learning	NWC-EPME-BASIC-B1		
Block 2 Basic EPME - Navy History and Heritage	Navy e-Learning	NWC-EPME-BASIC-B2		
Block 3 Basic EPME - The Navy Professional	Navy e-Learning	NWC-EPME-BASIC-B3		
Block 4 Basic EPME - Organization and Guidance	Navy e-Learning	NWC-EPME-BASIC-B4		
Block 5 Basic EPME - Planning	Navy e-Learning	NWC-EPME-BASIC-B5		
Block 6 Basic EPME - Regional Expertise and Cultural Awareness	Navy e-Learning	NWC-EPME-BASIC-B6		
Block 7 Basic EPME - Technology for the Warfighter	Navy e-Learning	NWC-EPME-BASIC-B7		
Block 8 Basic EPME - Conclusion	Navy e-Learning	NWC-EPME-BASIC-B8		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Evaluation and Fitness Reports	Navy e-Learning	002EF01		
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
21st Century CONSEP (Mid-Career)	Fleet and Family Service Center		2 days	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

E6 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E6 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
(NEETS) Module 01, Matter, Energy, and Direct Current - NAVEDTRA 14173A	Navy e-Learning	NRTC-NAVEDTRA-14173A-N-M1-MEADC-1.0		
(NEETS) Module 02, Alternating Current and Transformers - NAVEDTRA 14174A	Navy e-Learning	NRTC-NAVEDTRA-14174A-N-M2-ACAT-1.0		
(NEETS) Module 03, Introduction to Circuit Protection, Control, and Measurement - NAVEDTRA 14175A	Navy e-Learning	NRTC-NAVEDTRA-14175A-N-M3-ITCPCAM-1.0		
(NEETS) Module 04, Electrical Conductors, Wiring Techniques, and Schematic Reading - NAVEDTRA 14176A	Navy e-Learning	NRTC-NAVEDTRA-14176A-N-M4-ECWTASR-1.0		
(NEETS) Module 05, Generators and Motors - NAVEDTRA 14177A	Navy e-Learning	NRTC-NAVEDTRA-14177A-N-M5-GAM-1.0		
(NEETS) Module 06, Electronic Emission, Tubes, and Power Supplies - NAVEDTRA 14178A	Navy e-Learning	NRTC-NAVEDTRA-14178A-N-M6-EETAPS-1.0		
(NEETS) Module 07, Solid-State Devices and Power Supplies - NAVEDTRA 14179	Navy e-Learning	NRTC-NAVEDTRA-14179A-N-M7-SSDAPS-1.0		
(NEETS) Module 08, Amplifiers - NAVEDTRA 14180A	Navy e-Learning	NRTC-NAVEDTRA-14180A-N-M8-A-1.0		
(NEETS) Module 09, Wave Generation and Wave Shaping - NAVEDTRA 14181A	Navy e-Learning	NRTC-NAVEDTRA-14181A-N-M9-WGAWS-1.0		
(NEETS) Module 10, Wave Propagation, Transmission Lines, and Antennas - NAVEDTRA 14182A	Navy e-Learning	NRTC-NAVEDTRA-14182A-N-M10-WPTLAA-1.0		
(NEETS) Module 11, Microwave Principles - NAVEDTRA 14183A	Navy e-Learning	NRTC-NAVEDTRA-14183A-N-M11-MP-1.0		
(NEETS) Module 12, Modulation - NAVEDTRA 14184A	Navy e-Learning	NRTC-NAVEDTRA-14184A-N-M12-M-1.0		
(NEETS) Module 13, Number Systems and Logic Circuits - NAVEDTRA 14185A	Navy e-Learning	NRTC-NAVEDTRA-14185A-N-M13-NSALC-1.0		
(NEETS) MODULE 14, Introduction to Microelectronics - NAVEDTRA 14186	Navy e-Learning	NRTC-NAVEDTRA-14186-N-M14-ITM-1.0		
(NEETS) Module 15, Principles of Synchros, Servos, and Gyros - NAVEDTRA 14187A	Navy e-Learning	NRTC-NAVEDTRA-14187A-N-M15-POSSAG-1.0		
(NEETS) MODULE 16, Test Equipment - NAVEDTRA 14188A	Navy e-Learning	NRTC-NAVEDTRA-14188A-N-M16-TE-1.0		
(NEETS) Module 17, Radio-Frequency Communications Principles - NAVEDTRA 14189A	Navy e-Learning	NRTC-NAVEDTRA-14189A-N-M17-RFCP-1.0		
(NEETS) Module 18, Radar Principles - NAVEDTRA 14190A	Navy e-Learning	NRTC-NAVEDTRA-14190A-N-M18-RP-1.0		
(NEETS) Module 19, The Technician's Handbook - NAVEDTRA 14191	Navy e-Learning	NRTC-NAVEDTRA-14191-N-M19-TTH-1.0		
(NEETS) Module 20, Master Glossary - NAVEDTRA 14192	Navy e-Learning	NRTC-NAVEDTRA-14192-N-M20-MG-1.0		
(NEETS) MODULE 21, Test Methods and Practices - NAVEDTRA 14193A	Navy e-Learning	NRTC-NAVEDTRA-14193A-N-M21-TMAP-1.0		
(NEETS) MODULE 22, Digital Computing - NAVEDTRA 14194A	Navy e-Learning	NRTC-NAVEDTRA-14194A-N-M22-DC-1.0		
(NEETS) MODULE 23, Magnetic Recording - NAVEDTRA 14195A	Navy e-Learning	NRTC-NAVEDTRA-14195A-N-M23-MR-1.0		
(NEETS) MODULE 24, Fiber Optics - NAVEDTRA 14196A	Navy e-Learning	NRTC-NAVEDTRA-14196A-N-M24-FO-1.0		
Fireman (FN) - NAVEDTRA 14104A	Navy e-Learning	NRTC-NAVEDTRA-14104A-FM-1.0		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2	MNP/PQS/NRTC	NAVEDTRA 14113A		
Gas Turbine Systems Technician (Electrical) 2	MNP/PQS/NRTC	NAVEDTRA 14112		

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

E6 RECOMMENDED COMMUNITY READING

Title	Completed
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Navy Occupational Safety and Occupational Health (SOH) Program Manual for Forces Afloat Vol II Surface Ship Safety Standards *OPNAVINST 5100.19F*	
Tag-out Users Manual *NAVSEA S0400-AD-URM-010/TUM*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	
Enlisted to Officer Commissioning Programs Application Administrative Manual *OPNAVINST 1420.1B*	

Gas Turbine Systems Technician - Electrical
Chief Petty Officer
(Master)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	J-495-0419	4 days	
Team Trainer Wet Trainer (Buttercup) [1]	Various	K-495-0045	1 day	
Repair Locker Leader School [1]	Various	K-495-0040	9 days	
Basic Hydraulics [1]	Various	K-652-2146	5 days	
QAI [1]	Various	A-557-0001	5 days	
Senior Enlisted Propulsion Engineering Course [1]	Various	A-651-0110	36 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0350	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0352	58 days	
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	
U07A - Marine Gas Turbine Inspector [1]	MNP/Norfolk	A-652-0506 / A-652-0503	61 days	
800A - LCAC CRAFTMASTER [1] [2]	Coronado, CA / Little Creek, VA	K-062-0100	117 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.
2 - The 0167 NEC is an out of rate NEC.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Apprentice Gas Turbine for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to electrical/propulsion/auxiliary equipment.
Other Opportunities:

- Joint Assignments
- GWOT Support Assignments
- Recruiter
- Instructor
- RDC
- DAPA
- SARP
- Career Counselor
- 3MC

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: Phone Number:

Leading Chief Petty Officer: Phone Number:

Leading Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E7 (3 Years time in service required to be eligible for advancement to E8)

Date Advanced: Eligible Advancement Date: Number of times up:

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E7) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve   ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: (prior to submission, command endorsement):

Medical Enlisted Commissioning Program (MECP):   Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

SELECTION BOARD CHECKLIST FOR CPO PROMOTION TO SCPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. Check the following three major sections to verify your Official Record:

a. **BUPERS Online**: BUPERS Online (https://www.bol.navy.mil) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:

   1. **Official Military Personnel File (OMPF)**: All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

   2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

   3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on https://www.bol.navy.mil, click on the "*ODC, OSR, PSR, ESR*" link.

b. **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at (https://nsips.nmci.navy.mil) or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c. **Electronic Training Jacket (ETJ)**: Log in to My Navy Portal (MNP) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.

d. **US Navy Awards website**: Log in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.

b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:

   1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.

   2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

      NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
      PRESIDENT
      FY-**XX ACTIVE/RESERVE** E8 ENLISTED SELECTION BOARD #**XXX**
      5640 TICONDEROGA LOOP BLDG 768 RM E302
      MILLINGTON TN 38055
         (Active = 235 / SELRES = 205 / FTS = 206)

      (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)

c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).

d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.

b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.

c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.osd.mil/usn/) for any related credentials for which you may be qualified.

d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Section Leader		
Officer of the Deck (OOD) (In Port)		
Command Duty Officer (CDO)		
Junior Officer of the Deck (JOOD) (At Sea)		
Officer of the Deck (OOD) (At Sea)		
Personnel Qualification Standard		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
PACC Operator		
Engineering Officer of the Watch (EOOW)		
Engineering Training Team Leader		
Lee Helm		
QA Supervisor		
QA Inspector		
QA Officer		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Engineering Program Manager		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):   Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	

Family Care Plan

Start Eval

Mil to Mil

Reverse Sponsor

Incentives/EOS opportunities

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only			
	VA/DVA		

*Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height   Weight   If Required (AC   BCA   )

Last 2 PRT Cycles: Forearm Plank   /   Push-ups   /   Run/Swim/Cardio   /

Overall Score   /

List date (if) any PRT/BCA failure(s) over the last 5 years   /

List if any Medical Waiver(s)   /

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (CPO)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE   CLEP   DSST   TA

MGIB   MGIB-SR   Post 9/11 GIB   AEV

CPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Chief Petty Officer Selectee Leadership Course	Command Delivered		5 days	
Chief Petty Officer Leader Development Course	Water front/ Flightline/ Various [4]	NELD-06	5 days	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

CPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

CPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	War College	Military DON/ PME	40 hrs	
Senior Enlisted Academy	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage

2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.

3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

CPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

CPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Fireman (FN) - NAVEDTRA 14104A	Navy e-Learning	NRTC-NAVEDTRA-14104A-FM-1.0		
Gas Turbine Systems Technician (Electrical/Mechanical) GSE/GSM Part 1 and 2	MNP/PQS/NRTC	NAVEDTRA 14113A		
(NEETS) Module 01, Matter, Energy, and Direct Current - NAVEDTRA 14173A	Navy e-Learning	NRTC-NAVEDTRA-14173A-N-M1-MEADC-1.0		
(NEETS) Module 02, Alternating Current and Transformers - NAVEDTRA 14174A	Navy e-Learning	NRTC-NAVEDTRA-14174A-N-M2-ACAT-1.0		
(NEETS) Module 03, Introduction to Circuit Protection, Control, and Measurement - NAVEDTRA 14175A	Navy e-Learning	NRTC-NAVEDTRA-14175A-N-M3-ITCPCAM-1.0		
(NEETS) Module 04, Electrical Conductors, Wiring Techniques, and Schematic Reading - NAVEDTRA 14176A	Navy e-Learning	NRTC-NAVEDTRA-14176A-N-M4-ECWTASR-1.0		
(NEETS) Module 05, Generators and Motors - NAVEDTRA 14177A	Navy e-Learning	NRTC-NAVEDTRA-14177A-N-M5-GAM-1.0		
(NEETS) Module 06, Electronic Emission, Tubes, and Power Supplies - NAVEDTRA 14178A	Navy e-Learning	NRTC-NAVEDTRA-14178A-N-M6-EETAPS-1.0		
(NEETS) Module 07, Solid-State Devices and Power Supplies - NAVEDTRA 14179	Navy e-Learning	NRTC-NAVEDTRA-14179A-N-M7-SSDAPS-1.0		
(NEETS) Module 08, Amplifiers - NAVEDTRA 14180A	Navy e-Learning	NRTC-NAVEDTRA-14180A-N-M8-A-1.0		
(NEETS) Module 09, Wave Generation and Wave Shaping - NAVEDTRA 14181A	Navy e-Learning	NRTC-NAVEDTRA-14181A-N-M9-WGAWS-1.0		
(NEETS) Module 10, Wave Propagation, Transmission Lines, and Antennas - NAVEDTRA 14182A	Navy e-Learning	NRTC-NAVEDTRA-14182A-N-M10-WPTLAA-1.0		
(NEETS) Module 11, Microwave Principles - NAVEDTRA 14183A	Navy e-Learning	NRTC-NAVEDTRA-14183A-N-M11-MP-1.0		
(NEETS) Module 12, Modulation - NAVEDTRA 14184A	Navy e-Learning	NRTC-NAVEDTRA-14184A-N-M12-M-1.0		
(NEETS) Module 13, Number Systems and Logic Circuits - NAVEDTRA 14185A	Navy e-Learning	NRTC-NAVEDTRA-14185A-N-M13-NSALC-1.0		
(NEETS) MODULE 14, Introduction to Microelectronics - NAVEDTRA 14186	Navy e-Learning	NRTC-NAVEDTRA-14186-N-M14-ITM-1.0		
(NEETS) Module 15, Principles of Synchros, Servos, and Gyros - NAVEDTRA 14187A	Navy e-Learning	NRTC-NAVEDTRA-14187A-N-M15-POSSAG-1.0		
(NEETS) MODULE 16, Test Equipment - NAVEDTRA 14188A	Navy e-Learning	NRTC-NAVEDTRA-14188A-N-M16-TE-1.0		
(NEETS) Module 17, Radio-Frequency Communications Principles - NAVEDTRA 14189A	Navy e-Learning	NRTC-NAVEDTRA-14189A-N-M17-RFCP-1.0		
(NEETS) Module 18, Radar Principles - NAVEDTRA 14190A	Navy e-Learning	NRTC-NAVEDTRA-14190A-N-M18-RP-1.0		
(NEETS) Module 19, The Technician's Handbook - NAVEDTRA 14191	Navy e-Learning	NRTC-NAVEDTRA-14191-N-M19-TTH-1.0		
(NEETS) Module 20, Master Glossary - NAVEDTRA 14192	Navy e-Learning	NRTC-NAVEDTRA-14192-N-M20-MG-1.0		
(NEETS) MODULE 21, Test Methods and Practices - NAVEDTRA 14193A	Navy e-Learning	NRTC-NAVEDTRA-14193A-N-M21-TMAP-1.0		
(NEETS) MODULE 22, Digital Computing - NAVEDTRA 14194A	Navy e-Learning	NRTC-NAVEDTRA-14194A-N-M22-DC-1.0		
(NEETS) MODULE 23, Magnetic Recording - NAVEDTRA 14195A	Navy e-Learning	NRTC-NAVEDTRA-14195A-N-M23-MR-1.0		
(NEETS) MODULE 24, Fiber Optics - NAVEDTRA 14196A	Navy e-Learning	NRTC-NAVEDTRA-14196A-N-M24-FO-1.0		
Gas Turbine Systems Technician (Electrical) 2	MNP/PQS/NRTC	NAVEDTRA 14112		

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

CPO RECOMMENDED COMMUNITY READING

Title	Completed
Gas Turbine System Supervisor *NAVEDTRA 14111*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Navy Occupational Safety and Occupational Health (SOH) Program Manual for Forces Afloat Vol II Surface Ship Safety Standards *OPNAVINST 5100.19F*	
Tag-out Users Manual *NAVSEA S0400-AD-URM-010/TUM*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	
Enlisted to Officer Commissioning Programs Application Administrative Manual *OPNAVINST 1420.1B*	

CPO RECOMMENDED COMMUNITY READING

LaDR

Gas Turbine Systems Technician - Electrical
Senior Chief Petty Officer
(Master)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
General Shipboard Firefighting SCBA [1]	Various	A-495-0416	1 day	
Advanced Shipboard Fire Fighter [1]	Various	V-4N-0001	2 days	
Firefighter Team Trainer [1]	Various	V-9B-0003	1 day	
Repair Locker Leader School [1]	Various	K-495-0040	9 days	
Basic Hydraulics [1]	Various	K-652-2146	5 days	
QAI [1]	Various	A-557-0001	5 days	
Senior Enlisted Propulsion Engineering Course [1]	Various	A-651-0110	36 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0350	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0352	58 days	
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	
U07A - Marine Gas Turbine Inspector [1]	MNP/Norfolk	A-652-0506 / A-652-0503	61 days	
800A - LCAC CRAFTMASTER [1] [2]	Coronado, CA / Little Creek, VA	K-062-0100	117 days	
8CSC - Command Senior Chief (CMDCS) [1]	Newport, RI	A-570-4500	12 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.
2 - The 0167 NEC is an out of rate NEC.

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as an Apprentice Gas Turbine for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to electrical/propulsion/auxiliary equipment.
Other opportunities:

- Command Senior Chief
- RDC
- Instructor/Facilitator
- Recruiter
- 3-M Coordinator
- CMEO/EOA
- DAPA
- CACO
- Detailer
- Joint Assignments
- GWOT Support Assignments

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Division Officer: Phone Number:

Command Master Chief: Phone Number:

Leading Chief Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E8 (3 Years time in service required to be eligible for advancement to E9)

Date Advanced: Eligible Advancement Date: Number of times up:

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E8) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve   ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: (prior to submission, command endorsement):

Medical Enlisted Commissioning Program (MECP):   Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

SELECTION BOARD CHECKLIST FOR SCPO PROMOTION TO MCPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. Check the following three major sections to verify your Official Record:

a. **BUPERS Online**: BUPERS Online (https://www.bol.navy.mil) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:

1. **Official Military Personnel File (OMPF)**: All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.

2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.

3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on https://www.bol.navy.mil, click on the "*ODC, OSR, PSR, ESR*" link.

b. **Electronic Service Record (ESR)** Self-Service ESR: This can be viewed at (https://nsips.nmci.navy.mil) or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.

c. **Electronic Training Jacket (ETJ)**: Log in to My Navy Portal (MNP) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.

d. **US Navy Awards website**: Log in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.

b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:

1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.

2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

   NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
   PRESIDENT
   FY-**XX ACTIVE/RESERVE** E9 ENLISTED SELECTION BOARD #**XXX**
   5640 TICONDEROGA LOOP BLDG 768 RM E302
   MILLINGTON TN 38055
   (Active = 210 / SELRES = 205 / FTS = 206)

   (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)

c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).

d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.

b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.

c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.osd.mil/usn/) for any related credentials for which you may be qualified.

d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Section Leader		
Officer of the Deck (OOD) (In Port)		
Command Duty Officer (CDO)		
Junior Officer of the Deck (JOOD)		
Officer of the Deck (OOD) (At Sea)		
Personnel Qualification Standard		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
PACC Operator		
Engineering Officer of the Watch (EOOW)		
Engineering Training Team Leader		
Lee Helm		
QA Supervisor		
QA Inspector		
QA Officer		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Engineering Program Manager		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):   Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

*Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:
Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height   Weight   If Required (AC   BCA   )

Last 2 PRT Cycles: Forearm Plank   /   Push-ups   /   Run/Swim/Cardio   /

Overall Score   /

List date (if) any PRT/BCA failure(s) over the last 5 years   /

List if any Medical Waiver(s)   /

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (SCPO)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE   CLEP   DSST   TA

MGIB   MGIB-SR   Post 9/11 GIB   AEV

SCPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Senior Enlisted Academy [4]	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - NAVADMIN 266/14 As of FY 2017, all newly selected AC and SELRES SCPOs will be required to complete SEA to be eligible for advancement.

SCPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

SCPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	Navy e-Learning	JKDDC-SNCO-2	60 hrs	
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
CMDCM/COB Leadership Course (Must have FLTCM or FORCM recommendation)	Navy e-Learning/Classroom (Newport, RI)	CPPD/NETC CMDCM-9580 COB-9579		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-2.0 / US DoN	10 hrs	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage

2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.

3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

SCPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

SCPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

SCPO RECOMMENDED COMMUNITY READING

Title	Completed
Gas Turbine System Supervisor *NAVEDTRA 14111*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Navy Occupational Safety and Occupational Health (SOH) Program Manual for Forces Afloat Vol II Surface Ship Safety Standards *OPNAVINST 5100.19F*	
Tag-out Users Manual *NAVSEA S0400-AD-URM-010/TUM*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	
Enlisted to Officer Commissioning Programs Application Administrative Manual *OPNAVINST 1420.1B*	
Standard Organization and Regulations of the U.S. Navy (SORM) *OPNAVINST 3120.32 Series*	

Gas Turbine Systems Technician - Electrical
Master Chief Petty Officer
(Master)

NAME:

SKILL TRAINING
(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
None				

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
U03A - CG-47 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0350	100 days	
U05A - DDG-51 Gas Turbine Electrical Maintenance Electrician [1]	Great Lakes	A-652-0352	58 days	
U09A - CG Smart Ship Engineering Control system Equipment (ECSE) Operator and Maintenance Technician [1]	various	A-652-4141 S-652-0040 A-652-0038	136 days	
U07A - Marine Gas Turbine Inspector [1]	MNP/Norfolk	A-652-0506 / A-652-0503	61 days	
800A - LCAC CRAFTMASTER [1,2]	Coronado, CA / Little Creek, VA	K-062-0100	117 days	
8CMC - Command Master Chief (CMC)/Chief of the Boat (COB) [1]	Newport, RI	A-570-4500	12 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.
2 - The 0167 NEC is an out of rate NEC

JOB DESCRIPTION

Gas Turbine Systems Technicians (Electrical) operate, repair and perform organizational and intermediate maintenance on electrical components of gas turbine engines, main propulsion machinery, auxiliary equipment, propulsion control systems, and assigned electrical and electronic circuitry up to the printed circuit and alarm warning circuitry, operating electric plant main and propulsion control equipment; locating circuit failures and replacing parts; measuring current, voltage and resistance; testing for shorts, grounds and continuity; testing protective circuitry; testing, servicing and replacing batteries; performing preventive maintenance on digital data equipment and control and monitoring circuits; measuring insulation resistance; repairing electrical/electronic cables, wiring and connectors; maintaining alarm, indicating and warning systems; maintaining and repairing gas turbine engines and auxiliary equipment; working with blueprints, schematics and charts; performing administrative procedures related to gas turbine propulsion system operation and maintenance; performing work area inspections; operating standard test equipment; stopping engines and checking for proper performance; replacing and adjusting operating tolerance of contacts, micro switches, relay switches, pressure switches and temperature switches.

RECOMMENDED BILLET ASSIGNMENTS

Work as a Gas Turbine Master Technician for afloat or shore providing command support operating engineering equipment, stand roving watches and provide maintenance and repair to electrical/propulsion/auxiliary equipment.

Other opportunities:

- Command Master Chief
- RDC
- Instructor/Facilitator
- 3-M Coordinator
- CMEO/EOA
- DAPA
- CACO
- Detailer
- Joint Assignments
- GWOT Support Assignments

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address

QD Phone Number:

Mobilization UIC:

Naval Reserve Activity:

Commanding Officer: Phone Number:

Executive Officer: Phone Number:

Command Master Chief: Phone Number:

Department Head: Phone Number:

Division Officer: Phone Number:

Leading Chief Petty Officer: Phone Number:

Sponsor/Mentor: Phone Number:

Depart/Division Career Counselor: Phone Number:

Date of Initial Entry to Military Service (DIEMS):   Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878
(E9) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360:   Special Program: Member Request:

HYT 24 months (Date):   HYT Waiver Date: ☐ Approve   ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: (prior to submission, command endorsement):

Medical Enlisted Commissioning Program (MECP):   Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Aviation Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
QA Craftsman		
Repair Parts Petty Officer		
Propulsion System Monitor (PSM)		
Engine Room Operator		
Switchboard Operator		
Electrical Plant Control Console (EPCC) Operator		
PACC Operator		
Engineering Officer of the Watch (EOOW)		
Engineering Training Team Leader		
Lee Helm		
QA Supervisor		
QA Inspector		
QA Officer		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Surface Warfare Specialist		
Aviation Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Engineering Program Manager		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the GSE-Gas Turbine System Technician Electrical rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E7	American Society for Quality (ASQ)	Certified Calibration Technician (CCT)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Composites	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E5	Electrical Generating Systems Association (EGSA)	Electrical Generator Systems Technician Certification - Apprentice	
E4	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E4	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E4	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	International Association of Electrical Inspectors (IAEI)	National Certification Program for Construction Code Inspectors (NCPCCI) Electrical General (2B)	
E5	International Society of Automation (ISA)	Certified Control Systems Technician - Level I (CCST-I)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level II (CCST-II)	
E6	International Society of Automation (ISA)	Certified Control Systems Technician - Level III (CCST-III)	
E5	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Associate-Level (Associate CET)	
E6	International Society of Certified Electronics Technicians (ISCET)	Certified Electronics Technician - Journeyman-Level - Industrial	
E4	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level I	
E5	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level II	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E6	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level III	
E7	National Institute for Certification in Engineering Technologies (NICET)	Electrical Power Testing - Level IV	
	North American Electric Reliability Corporation (NERC)	Balancing and Interchange Certification (BI)	
	North American Electric Reliability Corporation (NERC)	Balancing, Interchange, and Transmission Operator Certification (BT)	
	North American Electric Reliability Corporation (NERC)	Reliability Operator Certification (RC)	
	North American Electric Reliability Corporation (NERC)	Transmission Operator Certification (TO)	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	
	United States Coast Guard (USCG)	National 1st Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 2nd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National 3rd Assistant Engineer Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Assistant Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Assistant Engineer (OSV)	
	United States Coast Guard (USCG)	National Chief Engineer (Limited) Steam/Motor/GT	
	United States Coast Guard (USCG)	National Chief Engineer (Unlimited) Steam/Motor/Gas Turbine	
	United States Coast Guard (USCG)	National Chief Engineer OSV	
	United States Coast Guard (USCG)	National Chief Engineer/Assistant Engineer UFIV	
	United States Coast Guard (USCG)	National Lifeboatman and Lifeboatman-Limited	
	United States Coast Guard (USCG)	National Operator of Uninspected Passenger Vessel Less Than 100 GRT	
	United States Coast Guard (USCG)	National Qualified Member of the Engineering Department (QMED)	
	United States Coast Guard (USCG)	STCW III/1 - OICEW or DDE 750 kW/1000 HP or More	
E5	Vibration Institute	Certified Vibration Analyst - Category I	
E6	Vibration Institute	Certified Vibration Analyst - Category II	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
International Institute of Business Analysis (IIBA)	Certification of Capability in Business Analysis (CCBA)	
International Institute of Business Analysis (IIBA)	Certified Business Analysis Professional (CBAP)	
International Institute of Business Analysis (IIBA)	IIBA Agile Analysis Certification (IIBA-AAC)	
International Institute of Business Analysis (IIBA)	IIBA Certification in Business Data Analytics (IIBA-CBDA)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the GSE-Gas Turbine System Technician Electrical rating.

For more information about these apprenticeships, visit USMAP at https://usmap.osd.mil/index.htm.

Apprenticeship	Date Completed
Computer Operator	
Electrician, Maintenance	
Hydroelectric-Machinery Mechanic (Utilities)	
Industrial Maintenance Mechanic	
Power-Plant Operator	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the GSE-Gas Turbine System Technician Electrical Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.osd.mil/usn/.

Occupation (Civilian Employer)
Control and Valve Installers and Repairers, Except Mechanical Door
Cooling and Freezing Equipment Operators and Tenders
Electric Motor, Power Tool, and Related Repairers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronic Equipment Assemblers
Electrical and Electronics Installers and Repairers, Transportation Equipment
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay
Electrical Power-Line Installers and Repairers
Electricians
Electronic Equipment Installers and Repairers, Motor Vehicles
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Home Appliance Repairers
Industrial Machinery Mechanics
Maintenance and Repair Workers, General
Power Plant Operators
Stationary Engineers and Boiler Operators

Occupation (Federal Employer)
2602 - Electronic Measurement Equipment Mechanic
2604 - Electronics Mechanic
2606 - Electronic Industrial Controls Mechanic
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
2805 - Electrician
2810 - High Voltage Electrician
2854 - Electrical Equipment Repairing
2892 - Aircraft Electrician
4749 - Maintenance Mechanic
5318 - Lock and Dam Repairing
9939 - Chief Electrician
9940 - Electrician
9941 - Electrician-Maintenance
9942 - Second Electrician
9943 - Third Electrician
9944 - Electronics Technician
9956 - Engineman

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):   Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation):   Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA	MNA	MNA	MNA	Sign Eval
(verify account access)	*(extend in current field)*	*(apply for billets)*	*(apply for billets)*	
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH)	Reserve Affiliation	Request Leave / PTDY	DD 214*
Reserve Only	VA/DVA		

Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height _____ Weight _____ If Required (AC _____ BCA _____)

Last 2 PRT Cycles: Forearm Plank _____ / _____ Push-ups _____ / _____ Run/Swim/Cardio _____ / _____

Overall Score _____ / _____

List date (if) any PRT/BCA failure(s) over the last 5 years _____ / _____

List if any Medical Waiver(s) _____ / _____

For more information on Navy Fitness, visit: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (MCPO)

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

Goal: Date: AA/AS   BA/BS   Master
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits   American Council on Education (ACE) recommended credits

Joint Service Transcripts (JST)

HS Transcripts   College Transcripts

Date Degree Obtained: AA/AS   BA/BS   Master   Doctorate

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE   CLEP   DSST   TA

MGIB   MGIB-SR   Post 9/11 GIB   AEV

MCPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Joint Professional Military Education (JPME)	War College	Military DON / PME	40 hrs	
Senior Enlisted Academy [4]	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - Course remains a requirement to become a Command Master Chief/Chief of the Boat.

MCPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

MCPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	Navy e-Learning	JKDDC-SNCO-2	60 hrs	
Senior Enlisted Leadership Development Guide	Navy e-Learning			
CMDCM/COB Leadership Course (Must have fleet recommendation)	MNP/Classroom (Newport, RI)	CPPD/NETC CMDCM-9580 COB-9579		
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Selection Board Members and Recorders [4]	TWMS		1 hour	
Recommended General Military Training Topics For FY 2022 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.
4 - Required for selection board members and recorders

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy e-Learning. This listing should only be used as a guide and is subject to change by direction of CNFR N7.

Navy e-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNFR N7.

MCPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

MCPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

MILGEARS

MilGears (https://milgears.osd.mil/) has been developed to serve Sailors while they serve, as they transition, and beyond. Whether you're committed to completing a single enlistment term or plan to retire from the military, everyone gets out eventually. MilGears exists to help you plan in advance for that time by highlighting future possibilities and helping you visualize how to reach those goals. Tools on MilGears analyze your unique history - your military duties and training, civilian education and credentialing, and apprenticeships - to provide customized results.

Key features include:

- No PII is stored on the MilGears servers – it does not save or collect any of your information.
- The ability for you to save an encrypted file to save your progress and return to the tool at any time.
- Auto-filling of tools based on uploaded service history document (ETJ, JST, or VMET).
- An easy-to-read PDF summary of your military history that you can keep as a reference.

Of the several tools found on MilGears, the two most common that Sailors would use are the **Engage My Career Tool** and the **Quick Explorer Tool**.

ENGAGE MY CAREER TOOL

The Engage My Career (EMC) Tool, available from the MilGears home page, analyzes your unique history to provide customized results. The EMC Tool looks at what you've done in the military to date by guiding you through a series of questions that collect information such as: your rating, pay grade, duty station history, training, NECs, qualifications (applicable to Mariner careers), and civilian education or credentials. The EMC Tool then takes this information and helps you determine your best path forward by showing you the possible occupation options you may be eligible for based on your current experience.

Customized output includes:

- Civilian occupations that may be attainable or nearly attainable.
- Apprenticeships, certifications, and education that can help you fill training gaps or that could make you more competitive in the job market.
- How You Stack Up – a detailed view of how you compare to the typical requirements for civilian occupations and credentials.
- Next Steps – recommendations to fill gaps to enter an occupational field.

QUICK EXPLORER TOOL

The Quick Explorer Tool, available from the MilGears home page, allows Service members to explore occupations without uploading personal information.

The following areas are available for exploration:

- Credentials – explore pathways related to a specific credential such as a degree, a certification, a USMAP apprenticeship or a federal license.
- Career Goals – explore pathways based on career goals through job family, industry and more.
- Military Occupation – explore pathways by MOC to view 'best-fit' pathways based your military occupation. Pathways include academic, industry, apprenticeship, cross-rate opportunities, and post-service employment opportunities.
- Interests – answer a series of questions designed to discover your personal interests and connect them to career pathways.

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Professional-Reading-Program/

READINESS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Readiness/ for more information.		
Foundational	**Advanced**	**Capstone**
Ghost Fleet – *Singer*	Matterhorn - *Marlantes*	Leaders Eat Last - *Sinek*
Guide to Maritime Strategy – *Holmes*	Red Star Over the Pacific - *Holmes & Yoshihara*	Mindset: Psych of Success - *Dweck*
Neptune's Inferno - *Hornfischer*	Seapower: Guide for 21st Century - *Till*	The Infinite Game - *Sinek*
Six Frigates – *Toll*	The Leader's Bookshelf - *Stavridis*	What is it Like to go to War - *Marlantes*

CAPABILITIES

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capabilities/ for more information.		
Foundational	**Advanced**	**Capstone**
AI Basics - *Taulli*	Fifth Domain: Cyber - *Clarke*	Deep Thinking: AI - *Kasparov*
Army of None - *Scharre*	Human Compatible - *Russell*	Four Global Forces - *Dobbs*
Burn-In - *Singer*	New Rules of War - *McFate*	Genius Weapons - *DelMonte*
The Future of War - *Freedman*	The Perfect Weapon - *Sanger*	Inevitable - *Kelly*
The Next 100 Years - *Friedman*		

CAPACITY

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Capacity/ for more information.		
Foundational	**Advanced**	**Capstone**
Fearless-SEAL Team Six - *Blehm*	American Naval Thinking - *Haynes*	End of Grand Strategy - *Dombrowski*
One Nation Under Drones - *Jackson*	Fleet Tactics - *Hughes*	Our Robots Our Selves - *Mindell*
The Fleet at Flood Tide - *Hornfischer*	Just and Un-Just Wars - *Walzer*	Second Most Powerful Man - *O'Brien*
Tin Can Sailors - *Hornfischer*	Seapower - *Stavridis*	The Future of Violence - *Wittes*

SAILORS

Visit https://www.navy.mil/CNO-Professional-Reading-Program/Sailors/ for more information.		
Foundational	**Advanced**	**Capstone**
Dichotomy of Leadership - *Willink*	A Tactical Ethic - *Couch*	Fortune Favors Boldness - *Costello*
Ego is the Enemy - *Holiday*	Character Gap - *Miller*	No Pity - *Shapiro*
How to be an Anti-Racist - *Kendi*	Fed Up - *Hartley*	Road to Character - *Brooks*
Tiny Habits - *Fogg*	Military Ethics - *Lucas*	The Honest Truth about Dishonesty - *Aire*
We Can't Talk About That at Work - *Winters*	Sexual Minorities and Politics - *Pierceson*	The New Jim Crow - *Alexander*
	Start with Why - *Sinek*	

MCPON's Suggested Reading

Visit https://www.navy.mil/CNO-Professional-Reading-Program/MCPON-Suggested-Reading/ for more information.		
Master Chief Petty Officer of the Navy (MCPON) Russell Smith identified these 21 additional books as suggested reading.		
A Call to Conscience - *Carson, Shepard, Young*	Happiness Advantage - *Achor*	Starship Troopers - *Heinlein*
Blink: Power of Thinking - *Gladwell*	Jonathan L. Seagull - *Bach*	Team of Teams - *McChrystal, Collins, Silverman, Fussell*
Brave New World - *Huxley*	Only Women in the Room - *Benedict*	The Captain Class - *Walker*
Cannonball! - *Yates*	Overcome - *Redman*	The Good Shepherd - *Forester*
Class 11 - *Waters*	Perform Under Pressure - *Evans*	The Old Man's Trail - *Campbell*
Descent Into Darkness - *Raymer*	Run Silent, Run Deep - *Beach*	Tragedy at Honda Point - *Lockwood*
Duty: A Memoir - *Gates*	Shoot the Women First - *MacDonald*	We Die Alone - *Howarth*

Nearly 200 years ago, the Navy ordered its ships be outfitted with a reading list of 37 books in order to help train and educate Sailors. The Navy's leaders knew then what is still the case today: to outthink our competitors we must study and apply lessons we've learned from our past. Furthermore, it is critically important for our Navy to be a learning organization. And one of the very best ways to do that is to foster an environment where every Sailor deepens their level of understanding and learning.

That is why we launched an updated Chief of Naval Operations Professional Reading Program (CNO-PRP) reading list, with a motto of "Read Well to Lead Well."

MCPO RECOMMENDED COMMUNITY READING

Title	Completed
Gas Turbine System Supervisor *NAVEDTRA 14111*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Navy Occupational Safety and Occupational Health (SOH) Program Manual for Forces Afloat Vol II Surface Ship Safety Standards *OPNAVINST 5100.19F*	
Tag-out Users Manual *NAVSEA S0400-AD-URM-010/TUM*	
Engineering Department Organizational Manual *OPNAVINST3540.3A*	
EOSS Users Guide	
Enlisted to Officer Commissioning Programs Application Administrative Manual *OPNAVINST 1420.1B*	
Standard Organization and Regulations of the U.S. Navy (SORM) *OPNAVINST 3120.32 Series*	

Note: Prior to considering any pursuit of off duty education or program enrollment contact the Navy College Virtual Education Center (NCVEC) or visit your Overseas Navy College Office.

You must complete the Tuition Assistance Training before your first course will be approved.

Complete the online courses at the Navy College Website: http://www.navycollege.navy.mil/

How do I get started?

You already have. All your training up to this point is part of your Gas Turbine Systems Technician - Electrical Roadmap. Now that you have made the first steps you will need to sit down and formulate a plan. This plan will work best if you start out discussing your options with your Leading Chief Petty Officer, Leading Petty Officer, Mentor, or Career Counselor. They will help you understand all of the basics. Then your next step is to contact the Navy College Virtual Education Center or visit your Overseas Navy College Office. Then your counselors will be able to help you formalize your plan and make sure that it makes sense for both you and the Navy. To aid you in your conversation with these professionals, here are a few questions that you may want to ask.

What credits do you have? What non-college courses have you taken? Where do you want to go? What field of study, or what kind of degree? What program will help me get there: Traditional or Online? What are my next steps: Transfer credits, take exams, have experience evaluated, or sign up for new courses?

RECOMMENDED OCCUPATIONAL-RELATED ASSOCIATE'S DEGREE FOR GSE

Recommended Associates' degrees for the Fireman
Industrial Management Technology
Power Plant Technology
Process Plant Technology

RECOMMENDED OCCUPATIONAL-RELATED BACCALAUREATE/MASTERS DEGREE FOR GSE

Recommended Bachelors/Masters degrees for the Fireman
General Engineering Technology

The Navy College Program & Web Page:

The Navy College Program (NCP) provides opportunities to Sailors to earn college degrees by providing academic credit for Navy training, work experience, and off-duty education. The NCP mission is to enable Sailors to obtain a college degree while on active duty. In support of the four R's - Recruiting, Readiness, Retention, and Respect - the NCP signifies Navy's commitment to education by improving enlistment appeal; demonstrating Navy service and achieving a college degree are compatible; helping Sailors apply themselves to new situations and challenges and better preparing them for advancement; building up Sailors' self-image; and producing higher quality Sailors.

- More information is available online at: https://www.navycollege.navy.mil

Tuition Assistance (TA):

NAVADMIN 114/19 limit changes as of 1 October 2019: TA provides funds for eligible active-duty personnel to attend approved educational institutions on an off-duty basis to earn a high school diploma, vocational/technical certificate, or college degree. TA pays for tuition. TA will pay for the following amount per career: 120 semester hours, or 180-quarter hours or 1800 clock hours or a combination of semester, quarter and clock hours. TA will pay the following amounts per fiscal year: 12 semester hours, not to exceed $250/credit for semester hours or 18-quarter hours not-to-exceed $166.67/credit for quarter hours or, 180 clock hours not-to-exceed $16.67/clock hours or a combination of semester, quarter and clock hours.

- More information is available online at: https://www.navycollege.navy.mil

Joint Service Transcripts (JST)

JSTs are official military transcripts which are used by colleges to validate your actual credited training. Every Sailor has a transcript already and access to it is free.

- More information is available online at: https://jst.doded.mil/

The American Council on Education (ACE)

ACE has reviewed every course listed in the OCCUPATIONAL Roadmap and determined what type of collegiate level credit is recommended. The ACE identifier, listed with each course, is a source to validate the information and to check for changes as they occur.

- Updates can be found at http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx.

Vocational Certificates

Vocational Certificates are available from most community colleges. Most of your military training can be counted toward their degree programs, but they will still require residency credits and approximately 40-75 credit hours. These certificates can be as valuable as the apprenticeship program in the civilian work force.

College credits by Testing CLEP, DSST

Testing can replace the requirement to attend most of the college courses listed in the Occupational Roadmap. Base Education Centers offer CLEP and DSST exams for active duty military at no cost. They also offer a comprehensive list of "credit-by-exam" tests. Additionally, many of the tests have study guides available. These tests are available at the base education center or through the base library system. For specific testing locations visit the DANTES website.

- Navy College Program: https://www.navycollege.navy.mil/information-for-sailors/pre-college-testing-and-college-credit.htm
- DANTES: http://www.dantes.doded.mil/examinations/earn-college-credit/earn-college-credit.html

College Entrance Exams Testing ACT, SAT

The ACT and SAT are both standardized tests that help colleges evaluate candidates. Many colleges require that students submit test results as part of the admission application process. Since Sailors are considered transfer students, these tests are not generally required for admission. However, some Sailors must take the tests to enter specific military programs.

- Navy College Program (ACT SAT): http://www.navycollege.navy.mil/information-for-sailors/college-entrance-exams.htm
- DANTES (ACT SAT): http://www.dantes.doded.mil/examinations/college-admissions/act.html

SAMPLE DEGREE PLAN

	Florida Community College
	NCPDLP ROADMAP

A.S. INDUSTRIAL MANAGEMENT TECHNOLOGY

RATING:

Other Degree Requirements: *Remediation / SLS / Pre-reqs if Needed*
Residency: 25% coursework must be completed at FCCJ (in-class or DL).

~ School Degree Information ~

COURSE NUMBER/TITLE	CREDITS NEEDED	SERVICE SCHOOL	MOS	CLEP	DSST	EXCELSIOR	DL	SOC CRS. Cat.#
~GENERAL EDUCATION								
ENC 1101 - English Composition I	3		-	ENC1101	-	ENC1101	Y	EN024A
Social Science	3		-	Y	Y	Y	Y	TBD
Mathematics	3		-	Y	Y	-	Y	TBD
Humanities	3		-	Y	Y	-	Y	TBD
Natural Science	3		-	Y	Y	Y	Y	TBD
~PROFESSIONAL COURSES								
MAN 2021 - Principles of Management	3	E7-E9		MAN2021			Y	MG101A
BCN2732: OSHA Safety	3						N	ET069A
GEB 1011 - Introduction to Business	3				GEB1011		Y	BU001A
OST1581:Professional Development in the Work Environment	3						Y	
MAN2125:Supervision & Performance Improvement	3						Y	
ENC2210: Technical Report Writing	3						Y	EN032A
CGS 1100 - Microcomputer Applications	3	E6-E9					Y	OF033A
~PROFESSIONAL ELECTIVES - minimum 24 hours								
	E3	E4	E5	E6	E7	E8	E9	
ACE Recommended from MOS / Rate:								
Military Credits	7	13	13	17	16	16	16	
Credit from Service School:								
Recruit Training	2	2	2	2	2	2	2	
A-School (if attended)								
C-Schools (if attended)	Credit based on individual evaluation							
Total Elective Hours--------------------------	9	15	15	19	18	18	18	
Total Credits Awarded *	9	15	15	22	24	24	24	
TOTAL CREDITS NEEDED (60 s.h.)	51	45	45	38	36	36	36	

* Disclaimer: Please be aware that this is a sample and a Sailor's actual credit awarded may vary depending on the ACE recommendation in effect at the time of their training. This is an unofficial preview of how credit from prior learning and military experience may be applied toward this degree option. It is subject to change upon official evaluation by Florida Community College, Military Education Institute (800) 700-2795, military@fccj.edu.

Florida Community College
Military Education Institute
601 West State Street
Jacksonville, FL 32202
800-700-2795   FAX: 904-632-5073
Email: military@fccj.edu

REFERENCES

Navy Enlisted Learning and Development Programs:

- Learning and Development Roadmap for Enlisted Sailors, OPNAVINST 1500.77(series)
- Navy Enlisted Retention and Career Development Program, OPNAVINST 1040.11(series)
- Career Counselor Handbook, NAVPERS 15878L
- Command Sponsor and Indoctrination Programs OPNAVINST 1740.3(series) (Sponsor assigned within 10 days of orders received / Indoctrination completed as soon as possible and practicable but NLT 90 days)
- Command Sponsorship of Dependents at Overseas Duty Stations MILPERSMAN 1300-150 to 1300-210
- Navy Enlisted Warfare Qualification Programs OPNAVINST 1414.9 (series)
- Master Training Specialists (MTS) Program NETCINST 1500.2(series)
- Command Master Chief Program OPNAVINST 1306.2 (series)

Reenlistments and Extensions:

- Agreement of Enlisted Naval Reservist, and Fleet Reservists Inductees to Remain on Active Duty MILPERSMAN 1160-060
- Extension of Enlistments MILPERSMAN 1160-040
- Overseas Tour Extension Incentives Program (OTEIP) MILPERSMAN 1306-300
- Consecutive Overseas Tours (COT) Leave Travel Entitlement Policy MILPERSMAN 1050-410
- Career WayPoints - Reenlistment MILPERSMAN 1160-140
- Reenlistment Ceremony MILPERSMAN 1160-020
- Leave of Military Personnel MILPERSMAN 1050-040
- Required Counseling Upon Enlistment and Reenlistment MILPERSMAN 1160-031
- Selective Reenlistment Bonus (Use Latest SRB NAVADMIN)
- Selective Training and Reenlistment (STAR) Program MILPERSMAN 1160-100
- Assignment to School as a Reenlistment Incentive MILPERSMAN 1306-1006
- Reserve Enlisted Incentives RESPERSMAN 1100-020 and current ALNAVRESFOR Message
- Reenlistments and Extensions for Sailors in a Drilling Status RESPERSMAN 1160-010
- Satisfactory Participation in the Navy Reserve RESPERSMAN 1001-010

Fleet Reserve and Retirements:

- Casualties and Survivor Benefits (SBP) MILPERSMAN 1770-010 to 1770-280 OPNAVINST 1750.5(Series)
- Disability Retirement MILPERSMAN 1850-010 to 1850-040
- Fleet Reserve and Retirement MILPERSMAN 1800-010 to 1800-070
- Privately Owned Vehicle (POV) Shipment Entitlement Policy and Household Goods (HHG) Shipment and Storage Entitlement Policy MILPERSMAN 4050-010 to 4050-020
- Permissive Temporary Duty (PTDY) Authorization for Job/House Hunting MILPERSMAN 1320-220
- Transition Assistance Program (TAP) OPNAVINST 1900.2(series) (Initiate a DD-2648E-1 NLT 90 Days Prior to Separation and attend workshop 12 months prior to separation/Fleet Reserve/Retirement date)

Enlisted Administrative Separations:

- Separation by Reason of Alcohol Rehabilitation Failure MILPERSMAN 1910-152
- Separation by Reason of Misconduct -Drug Abuse MILPERSMAN 1910-146
- Separation by Reason of Convenience of the Government -Early release to further education MILPERSMAN 1910-108
- Administrative Separation (ADSEP) Policy and General Information MILPERSMAN 1910-010 to 1910-812
- Fraudulent Enlistment MILPERSMAN 1910-134
- High Year Tenure (HYT) MILPERSMAN 1160-120
- Misconduct (various reasons) MILPERSMAN 1910-138/140/142
- Department of the Navy (DON) Policy on Parenthood and Pregnancy SECNAVINST 1000.10(series) & MILPERSMAN 1910-124
- Separation by Reason of Convenience of the Government -Personality Disorder MILPERSMAN 1910-122
- Separation by Reason of Physical Fitness Assessment (PA) Failure MILPERSMAN 1910-170
- Separation by Reason of Misconduct - Commission of a Serious Offense MILPERSMAN 1910-142
- Separation by Reason of Unsatisfactory Performance MILPERSMAN 1910-156

Advancement & Service Schools:

- Advancement Manual for Enlisted Personnel of the U.S. Navy and U.S. Navy Reserve BUPERSINST 1430.16(series)
- Accelerated Advancement of Recruit Training Class "A" School Graduates, and Ceremonial Guard MILPERSMAN 1430-010
- Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series)
- Service Schools MILPERSMAN 1306-600/602/604/608
- Class "A" School & Rating Entry Requirements MILPERSMAN 1306-618
- Retesting with Armed Forces Classification Test (AFCT) version of the Armed Services Vocational Aptitude Battery (ASVAB) MILPERSMAN 1236-010
- Professional Apprenticeship Tracks Program (PACT) NAVADMIN 318/07
- Prior Service Reenlistment Eligibility – Reserve (PRISE-R) MILPERSMAN 1133-061

Education Advancement & Service Schools:

- Joint Chiefs Professional Military Education (PME) Manual 1805.01
- Voluntary Education (VOLED) for Navy Sailors OPNAVINST 1560.9(series)
- Navy Voluntary Education Program NETCINST 1560.3(series)
- Navy Credentialing Programs OPNAVINST 1540.56
- Administration of the United Services Military Apprenticeship Programs (USMAP) OPNAVINST 1560.10(series)

Diversity, Equity and Inclusion, and Anti-Extremism:

- Diversity, Equity and Inclusion: https://diversity.defense.gov
- DOD Diversity and inclusion Management Program DODI 1020.05(series)

Other Quick References:

- Awards Manual (SECNAVINST 1650.1(Series)
- Change in Rating MILPERSMAN 1440-010 to 1440-040
- Department of the Navy Correspondence Manual (SECNAV M-5216.5
- Navy Alcohol and Drug Abuse Prevention and Control OPNAVINST 5350.4(series)
- Exchange of Duty (SWAPS) MILPERSMAN 1306-700
- First-Term Personnel Assignment Policy MILPERSMAN 1306-126
- Individual Augmentation (IA) Policy and Procedures OPNAVINST 1001.24(series)
- Military Couple and Single Parent Assignment Policy MILPERSMAN 1300-1000
- Military Pay MILPERSMAN 7220-010 to 7220-410
- Navy Performance Evaluation System BUPERSINST 1610.10 (Series)
- Overseas Extensions MILPERSMAN 1300-310
- Physical Readiness Program OPNAVINST 6110.1(series) / MILPERSMAN 6100-6199
- Reassignment for Humanitarian Reasons (HUMS) MILPERSMAN 1300-500
- Standardized Policy and Procedures for the Active Duty for Operational Support (ADOS) Programs OPNAVINST 1001.20 (series)
- Operational Risk Management OPNAVINST 3500.39C
- Personnel Qualification Standards (PQS) Catalog NAVEDTRA 43100-6M
- Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards NAVPERS 18068F Volume 1 & 2